S
625.704
H3fe
April 20,1981

State

Montana State Library
3 0864 1006 6431 0

MONTANA

DEPARTMENT OF HIGHWAYS

STATE DOCUMENTS COLLECTION
MAY 7 1981
MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 5960

FIELD ENGINEERING AND CONSTRUCTION PROGRESS REPORT

ISSUED THE FIRST & THIRD WEEK OF THE MONTH

April 20, 1981

PLEASE RETURN

DOMINION OF CANADA
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
LINCOLN
GLACIER
TOOLE
LIBERTY
HILL
BLAINE
PHILLIPS
VALLEY
ROOSEVELT
DANIELS
SHERIDAN
PONDERA
TETON
CHOUTEAU
RICHLAND
MCCONE
DAWSON
FERGUS
PETROLEUM
GARFIELD
PRAIRIE
WIBAUX
LEWIS
CLARK
CASCADE
JUDITH
BASIN
MEAGHER
WHEATLAND
GOLDEN
VALLEY
MUSSELSHELL
ROSEBUD
TREASURE
CUSTER
YELLOWSTONE
JEFFERSON
BROADWATER
SWEET
GRASS
STILL
WATER
CARBON
BIG HORN
POWDER
RIVER
CARTER
PARK
YELLOWSTONE NATIONAL PARK
DIVISION CONSTRUCTION SECTIONS
MARKINGS
DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
MONTANA
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

APRIL 17, 1981

Montana Department of Highways
Helena, Montana - 59601

Progress Report

G E N E R A L

Skies have been mostly cloudy with some rain and snow during the past period. Temperatures from 30^{0} to 50^{0}. Highways are in fair to good driving condition.

P R E C O N S T R U C T I O N

FF 5-1(01)07, Evaro Hill
Length - 13.0 Miles

Charles W. Hegman, FPM
Missoula, Mt.

392 man days have been used to date for the field work. The crew is assigned to other projects.

F 6-1(5), Thompson Falls
Length - 4.06 Miles, Preliminary Engineering

John Miner, FPM
St. Regis, Mt.

Work resumed 4-1-81. 40 man days were used during the period. All field work is now complete from the west end of the project to the eastern Thompson Falls City limits or 96 stations. The survey is now 72% complete.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, Mt.

There has been no work on the project during the past two weeks.

FF 7-1(11) Florence - Lolo, Add 2 Lanes
Length - 8.2 Miles

Robert Lajoie, Designer III
Missoula, Mt.

No work was done on subject project this past period. Design remains 29% complete. Personnel were on other assignments.

FF 7-1(10)50, Victor - South
Length - 9.5 Miles

Robert Lajoie, Designer III
Missoula, Mt.

Design was submitted to Helena for final checking on February 3, 1981. Design is 90% complete. Personnel on other assignments.

F 24-1(2)9, Potomac - West
Length - 4.8 Miles

Charles Hegman, FPM
Missoula, Mt.

Field work on the horizontal control and the vertical control is 100% complete. Section ties are 10% complete. 201 man days have been used to date on the project. The aerial targets are in place and ready for flying.

RS 263-1(4)1, Mullan Road
Length - 4.9 Miles

Robert Lajoie, Designer III
Missoula, Mt.

Minor work was done on subject project this past period. Preliminary Plan-In-Hand and Public Hearing are scheduled for April 28, 1981. Design remains 28% complete. Personnel were also on other assignments.

S 269-1(01), State 269 - Stevensville
Length - 0.8 Miles

Robert Lajoie, Designer III
Missoula, Mt.

Work this past period consisted of computation of quantities and templating. Design is 47% complete. Personnel were also on other assignments.

C O N S T R U C T I O N

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Construction Company
Plains, Mt., Contractor
James Cyr, FPM
St. Regis, Mt., Phone 649-2471
Contract Time - 300 Working Days
Completion Date - 10/27/80
Effective Opening Date - 10/18/80

The job is 100% complete. Three men have been working on notes.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
William Maart, FPM
St. Regis, Mt., Phone 649-2601
Contract Time - 240 Working Days
Completion Date - 09/26/80
Effective Opening Date - 10/18/80

Final Estimate has been returned to the field for correction.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridge
A Detour Road & Railroad Relocation
Amount of Contract - $4,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, Mt., Contractor
William Maart, FPM
St. Regis, Mt., Phone 649-2601
Contract Time - 350 Working Days
Probable Completion Date - 08/81

The Construction Layout is 80% complete: contract time elapsed is 78%; and the Contract is 86% complete. 3 Engineers and 11 men are employed, working 5/8 hour shifts per week. Station 406+19.00 E.B. - Poured top of retaining wall and barrier on same, and two twenty foot sections on the median wall. W.B. Deck is checked and ready to pour. Station 415+32.50 E.B. - Forming deck on spans 2 and 3.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel & Concrete
Girder - Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
Larry Chezik, FPM
St. Regis, Mt.
Contract Time - 410 Working Days
Probable Completion Time - 06/81

Progress has been good. The contractor worked an 8-hour shift, employing eight to eleven men. Work consisted of placing reinforcing steel for deck slab on spans 5 and 6 E.B. and spans 4 W.B., constructing construction joints on E.B. deck. The project as a whole is 83% complete.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 5.1 Miles
Grading, Agg. P.M. Surf. Seal & Overlay
Amount of Contract - $5,074,087.62
Work Proceed Date - September 24, 1979
Work Started - September 17, 1979

Rehbein Contracting, Inc.,
Plains, Mt., Contractor
John Miner, FPM
St. Regis, Mt., Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - 12/81

No activity on Project since last report. The project is 95% complete with 78% of the contract time elapsed. 4 employees are presently assigned to the project.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.,
Kirkland, Washington, Contractor
John Miner, FPM
St. Regis, Mt., Phone 649-2460
Contract Time - 150 Working Days
Completion Date - 07/15/80

Two men are working on the Final Estimate.

I 90-1(57)39, U-1, Sloway - East & West
Dual 1092.0 Ft. Composite Steel & Concrete
Girder Bridges
Amount of Contract - $6,532,574.74
Work Proceed Date - October 26, 1979
Work Started - October 26, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
William Maart, FPM
St. Regis, Mt., Phone 649-2601
Contract Time - 410 Working Days
Probable Completion Date - 11/81

The contractor has completed erection of the structural steel and safety nets on all of the West Bound. They are currently rattling bolts on the West Bound, and waiting for more girders to arrive before starting the East Bound. The Construction Layout is 70% complete, 39% of the contract time is elapsed, and the contract as a whole is 56% complete. 2 engineers and 12 men are employed working 5/8 hour shifts per week.

I 90-1(57)39, U-2, Sloway - East & West
Dual 1212.0 Ft. Composite Steel & Concrete
Girder Bridges & 1.6 Miles Grading Agg.
Surf. & PM Bit. Surf.
Amount of Contract - $9,917,560.79
Work Proceed Date - April 16, 1980
Work Started - January 15, 1980

Sletten Construction Company
Great Falls, Mt., Contractor
George Road, FPM
Alberton, Mt.
Contract Time - 450 Working Days
Probable Completion Date - 10/81

Work during the past weeks has consisted of forming deck on spans 1, 2, 3, 4, and 5 W.B. and placing deck reinforcing steel on spans 1 and 2 W.B. The contractor has approximately 25 people working 5/9 hour shifts per week, placing a change order pipe at Station 926± , hauling rock cap from 900± to 905±, and excavating slide area between the lanes from Station 922± to 930±. The state has 2 inspectors on the project and a four man survey crew. The construction layout is 50% complete; 32% of the contract time is elapsed; and the contract as a whole is 27% complete.

I 90-1(57)39, U-3, Sloway - East & West
460.0 Ft. Composite Steel & Concrete
Girder Bridges
Amount of Contract - $1,087,699.06
Work Proceed Date - August 27, 1980
Work Started - October 6, 1980

Morgen & Oswood Construction Co.
Great Falls, Mt., Contractor
William Maart, FPM
St. Regis, Mt., Phone 649-2601
Contract Time - 200 Working Days
Probable Completion Date - 11/81

The contractor is currently driving untreated piling in Pier #3. They will be finished by Thursday and anticipate pouring the seal Friday. Test Pile have also been driven at Abutment #4. The construction layout is 70% complete; 18% of the contract time is elapsed; and the contract as a whole is 27% complete. 2 engineers and 6 men are employed working 5/8 hour shifts per week.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Proceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
Jack Silvey, FPM
Alberton, Mt., Phone 722-4961
Contract Time - 280 Working Days
Completion Date - 12/31/80

The project was completed on December 31, 1980. Two engineers are working on final quantities and Maintenance Bridge inspection.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 13, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
Ray Hoffman, FPM
Alberton, Mt., Phone 722-4961
Contract Time - 300 Working Days
Completion Date - 12/18/80

The project was completed on December 18, 1980. Two engineers are working on final quantities and Maintenance Bridge inspection.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0 Ft. Bridge, 142.25 Ft. Bridge &
199.5 Ft. Bridge Approaches
Amount of Contract - $1,050,075.80
Work Proceed Date - September 25, 1979
Work Started - November 14, 1979

General Construction Company
Butte, Montana, Contractor
Ray Hoffman, FPM
Contract Time - 195 Working Days
Probable Completion Date - 07/81

Prime contractor still on winter shut down. Contract time elapsed is 71%; and the contract as a whole is 79% complete.

I-IG 90-1(67)64, U-4, Tarkio - East
447.5 Ft. Prestressed Concrete Girder Overpass
Amount of Contract - $785,234.94
Work Proceed Date - October 26, 1979
Work Started - October 16, 1979

Sletten Construction Company
Great Falls, Mt., Contractor
Jack Silvey, FPM
Alberton, Mt., Phone 722-4961
Contract Time - 180 Working Days
Completion Date - March 20, 1981

Two men are working on final quantities part time. Contract time elapsed is 73% complete; and the contract as a whole is 98% complete.

I-IG 90-1(67)64, U-5, Tarkio - East
IR 90-2(68)80, Huson - West
Length - 12.8 Miles
Grading, Agg. Surf. P.M. Overlay
Amount of Contract - $6,786,472.47
Work Proceed Date - April 16, 1980
Work Started - March 12, 1980

Rehbein Contracting, Inc.,
Plains, Mt., Contractor
Jerry Tahija, FPM
Alberton, Mt., Phone 722-4961
Contract Time - 250 Working Days
Probable Completion Date - 09/81

The contractor is placing 1½" CBC from Station 530+ to 566+ and from Station 608+39 to 703+00. They are placing the timber bin wall at Station 757+00. The crusher is producing 3/4" PMS and stock piling it. The contractor is sub-excavating from Station 422+ to 403+ and hauling borrow to the same area. The contract as a whole is 48% complete. 12 engineers and 60 men are employed working 5/8 hour shifts per week.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Mt., Contractor
Jerry Tahija, FPM
Alberton, Mt., Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 06/27/79
Effective Opening Date - 05/18/79

The Final Estimate has been returned to the field for correction.

I 90-2(69)127, I 90-1(89)57 & Rest Areas
I 90-1(92)76
Renovation of Rest Areas
Amount of Contract - $68,844.00
Work Proceed Date - January 12, 1981
Work Started - March 3, 1981

General Concrete, Inc.,
Missoula, Mt., Contractor
James Williams, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - 06/81

The contractor has worked two days the past two weeks, with 2 men employed. The contractor is still waiting for materials.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.29
Work Proceed Date - August 24, 1979
Work Started - October 11, 1979

Meyer Construction Company
Billings, Mt., Contractor
Charles Hegman, FPM
Drummond, Mt., Phone 288-3517
Contract Time - 120 Working Days
Probable Completion Date - 05/81

There is no change in any items since the last report. There are no State employees working on the project at the time. The contractor remains on a shut down basis. Construction layout is 95% complete; 83% of the contract time has elapsed; and the contract as a whole is 87% complete.

HES 5-1(4)2, DeSmet Interchange
Safety Improvements
Amount of Contract - $46,921.50
Work Proceed Date - April 16, 1981
Work Started - February 18, 1981

Rehbein Contracting, Inc.,
Plains, Mt., Contractor
James Williams, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 30 Working Days
Completion Date - March 25, 1981

The final estimate is being checked in the Division Office. It will be submitted to Helena about May 1, 1981.

HES 6-1(6)31, Trout Creek Underpass
Lowering Roadway Grade
Amount of Contract - $110,317.60
Work Proceed Date - April 6, 1981

American Asphalt, Inc.,
Missoula, Mt., Contractor
John Miner, FPM
St. Regis, Mt., Phone 649-2460
Contract Time - 30 Working Days
Probable Completion Date - 07/81

There has been no work on this project by the contractor. The project is slope staked and no personnel are assigned to it at this time. It is not known when work will begin. There has been no time charged to the project as yet. Construction layout is 50% complete.

F 7-1(8)38, Charlos Heights - North
Length - 4.5 Miles
Grade P.M. Surf. Seal & Cover
Amount of Contract - $1,878,876.75
Work Proceed Date - July 22, 1980
Work Started - July 29, 1980

Hilde Construction Company
Great Falls, Mt., Contractor
Allan Dutton, FPM
Hamilton, Mt., Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - 11/81

Work for the past couple of weeks has consisted of 3 Scrapers, a D-7 Dozer working between Stations 592 and 620, cut section. 1 Scraper, 1 Patrol and Water Truck finishing roadway between Station 640 - 691. 4 Man Engineering crew blue topping through this stretch also. Pipe crew installing pipes in Camus Creek at Station 493+61, and Irrigation channel 436+50. 1 man inspecting operations. Contract time elapsed is 29% complete, and the contract as a shole is 40% complete. 7 engineers and 17 men are working 5/9 hour shifts per week.

FF 7-1(2)46, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS
Amount of Contract - $1,343,518.64
Work Proceed Date - April 16, 1980
Work Started - February 20, 1980

Clark Brothers, Contractors
Victor, Mt., Contractor
Allan Dutton, FPM
Hamilton, Mt., Phone 363-4420
Contract Time - 120 Working Days
Probable Completion Date - 11/80

The final estimate will be submitted to the Division Office about April 24, 1981.

HES 7-2(6)85, Lolo - Missoula
Safety Improvement
Amount of Contract - $203,420.00
Work Proceed Date - April 16, 1981

Coral Construction Company
Canby, Ore., Contractor
Charles Hegman, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 30 Working Days
Probable Completion Date - 06/81

The preconstruction conference was held on April 14, 1981. The contractor advised that he expects to start work about June 1, 1981.

F 35-1(3)3 St. Regis Cutoff
Slide Correction
Amount of Contract - $228,702
Contract Let - March 26, 1981
Work Proceed Date - April 20, 1981

Rock, Inc.,
Great Falls, Mt., Contractor
James Cyr, FPM
St. Regis, Mt., Phone 649-2471
Contract Time - 60 Working Days
Probable Completion Date - 09/81
Effective Opening Date - N/A

A preconstruction conference is scheduled for April 17, 1981.

RS-TQS 348-1(2)7, Philipsburg - West
Length - 6.8 Miles
P.M. Base Signing, Seal & Cover
Contract Let - May 22, 1980
Work Proceed Date - June 17, 1980
Work Started - September 8, 1980

Meyer Construction Company
Billings, Mt., Contractor
Charles Hegman, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - 05/81
Effective Opening Date - N/A

At the present time the project is on winter shut down. Work remaining is the Guardrail End Anchors, Delineation and Seal & Chip operations. Construction layout is 90% complete; 61% of the contract time has elapsed; and the contract as a whole is 90% complete.

M 8105(4), U-2, Intersection of
3rd & Russell
Traffic Signals, Signing Street Widening
Surfacing & Lengthen Conc. Box
Contract Let - May 30, 1979
Amount of Contract - $369,394.05
Work Proceed Date - June 29, 1979
Work Started - October 29, 1979

American Asphalt, Inc.,
Missoula, Mt., Contractor
James Williams, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 80 Working Days
Completion Date - 01/07/81
Effective Opening Date - N/A

The final was submitted on April 10, 1981.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Inter-
Section Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started - October 3, 1979

Livesay Traffic Maintenance, Inc.
Great Falls, Mt., Contractor
James Williams, FPM
Missoula, Mt., Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - 05/81
Effective Opening Date - N/A

The contractor replanted the dead trees on April 12, 1981 and 6 week establishment period will end on May 24, 1981. If all trees are alive at that time, the project will be complete. The construction layout is 99% complete; contract time elapsed 96%; and the contract as a whole is 99% complete.

James T. Weaver

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:WCN:kla

cc: Construction Bureau
Division File

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

APRIL 14, 1981

Department of Highways
Helena, Montana 59620

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending April 17, 1981.

G E N E R A L

Progress has been fair. Weather was variable, turning from cool to warm late in the period with light intermittent precipitation. No snow at lower elevations. Day time temperatures ranged from +38° to +70°, with night temperatures from +22° to +41°. Highways are in average spring driving condition.

P R E - C O N S T R U C T I O N

F-1-1(02) Libby - Kalispell
Elk Hill - Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977
Additional Location Survey Resumed 1-26-81

Ken Chrisinger, Field Project Mgr.
Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Sept. 1, 1981

Progress has been good. A three to five man survey crew worked seven days the past period on topog and tying down the original R/W. Work on the project was suspended as of April 10, 1981 to return to seasonal construction work. A total of one hundred ninety six and one half man days have been used on the project, which is approximately 90% complete. The survey will be completed as time and personnel are available.

Four man days were worked the past period on plotting new projected centerline on the hardshell. One hundred seventeen man days have been used to date on design, which is approximately 36% complete.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

F-5-4(1) Stryker-Roosville (continued)

No work has been done on design the past period. A request was made to have the Right of Way Bureau investigate the area from Station 1750+00± to Station 1768+00±, and determine the impacts of the proposed alignment and a line projection on adjacent houses and property. Right of way plans will be submitted when this investigation determines which alignment to proceed with. A survey crew will tie the PTW centerline to the proposed alignment, in the near future, so that exact locations of existing right of way breaks may be determined. Two hundred thirty-nine days have been used to date on design, which is approximately 30% complete.

RS-548-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - July 15, 1981

Final right of way plans have been submitted and further design work will proceed when drainage and surfacing recommendations are received from the Hydraulic and Materials Bureaus. One hundred fifty man days have been used to date on design, which is approximately 60% complete.

F-5-2(03)86 Flathead County Line-South
Length 7.5 Miles
Agreement Approved - July 16, 1979

Design - Alpha Engineers, Inc.
Butte, Montana 59701
Est. Comp. Date - Pending

No report from the designer. The design remains approximately 62% complete.

F-5-2(5) Elmo-Rollins
Length - 5.5 Miles
Survey authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Sept. 1, 1981

No work the past period on design. A final grade has been established at Dayton Creek, and design is proceeding on the structure. A survey crew will resume work on staking centerline and right of way, as time permits. One hundred sixty-four man days have been used to date on design, which is approximately 75% complete.

F-5-3(5) 112 Kalispell Main St. - 6th to Center
Length - 0.4 Miles
Survey Authorized - Aug. 14, 1979
Design Started - Aug. 17, 1979

Design - Thomas Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - Pending

The final construction plans, detour plans and preliminary utility and sign plans have been submitted. Design work is underway on electrical lighting. The design as a whole is 98% complete. The utility plan in hand is scheduled for the week of May 4, 1981.

FH-1-2(1) Troy - Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - Pending

It has been tentatively decided to design, in advance, a short section of the project, in the vicinity of the proposed Kootenai Falls Dam. This section would be approximately two miles in length. Design, by division personnel, will proceed as time permits.

F-52-1(1)11 Blue Bay Erosion Control
Length 2.5 Miles (approx. 12 intermittent locations)
Survey Authorized - November 27, 1979
Survey & Design Started - Dec. 7, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - Pending

The final Plan in Hand minutes have been submitted. The contract is approximately 90% complete.

RS 211-1(1)0
Round Butte Road Railroad Crossing
Length - N/A
Design Started - Nov. 20, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work the past period. A field review will be held in the near future to determine the actual scope of work to be done by the Department of Highways, to improve the grade at the railroad crossing.

RS 212-2(1)0 Dixon - North and
RS 212-1(2)3 Charlo - North & South
Length - 4.5 Miles
Survey Authorized - February 1, 1978
Survey Started - January 29, 1980

Gene Piedalue, Field Project Mgr.
Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Six man days were worked the past period on transit and topography notes before turning them in to design. One hundred seventy six man days have been used to date with the location survey approximately 60% complete.

Design personnel worked six man days the past period on checking centerline control points and placing alignment on contour mapping. Actual design work has not yet begun.

RS-352-1(1) Dayton - Lake Mary Ronan
Length 0.6 Miles
Survey Authorized - March 14, 1980
Survey Started - March 17, 1980
Survey Completed - March 28, 1980
Design Started - March 17, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - May 1, 1981

RS-352-1(1) Dayton - Lake Mary Ronan (continued)

No work has been done on design the past period. Fifty- four man days have been used to date on design, which is approximately 80% complete.

RS-382-1(1) Perma - North
Length - 2.8 Miles
Survey Authorized - Oct. 4, 1979
Location Survey Started - Jan. 2, 1980

Gene Piedalue, Field Project Mgr.
Whitefish, Montana 59937
Phone: 862-3652
Est. Comp. Date - June 1, 1981

No work the past period due to other assignments. The location survey remains approximately 95% complete with five hundred twenty man days used to date.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975
Survey Started - November 20, 1979

Ray Munsinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 257-6567
Est. Comp. Date - Pending

One person worked two days on X-section notes and one designer worked one day plotting the alignment and section ties on the hardshell this last period. One hundred ninety five man days used to date. Personnel will be assigned as work load permits. The location is approximately 60% complete.

F-5-2(9) Ronan to Polson
Access Control
Length - 12± Miles
Survey Authorized - November 10, 1980

Gene Piedalue, Field Project Mgr.
Whitefish, Montana 59937
Phone: 862-3652
Est. Comp. Date - Pending

Work on this survey will be started when personnel are available.

C O N S T R U C T I O N

HES 1-2(17)124 & HES 5-3(3)109
Bridge End Treatment U.S. 2 East &
Intersection Improvement 1 Mi. South
Kalispell - U.S. 93
Length - 0.3 Miles
Contract Let - December 12, 1980
Contract Awarded - December 19, 1980
Contract Amount - $79,438.36
Proceed Order - April 16, 1981
Work Started - April 13, 1981

Pack & Company, Inc.
Kalispell, Montana 59901
Ken Chrisinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Est. Comp. Date - Pending

Contractor began work April 13, 1981 installing construction signs and hauling borrow material on the HES 5-3(3)109 project. Three to ten persons are employed and an eight hour, five day work week is being utilized. The contract is approximately 5% complete with 2% of the contract time elapsed. Two to four state employees are working on the project as needed. Construction layout is 15% completed. No work on the HES 1-2(17)124 project.

F-5-2(14) H & N St. U.S. 93 Ronan
Curb & Gutter & Traffic Control Devices
Length - N/A
Contract Let - November 29, 1979
Contract Awarded - December 6, 1979
Contract Amount - $71,318.50
Proceed Order - April 16, 1980
Work Started - June 10, 1980

Pacemaker Industries, Inc.
Spokane, Washington
Dan Tombrink, Civil Eng. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Comp. Date - Sept. 23, 1980
Effective Opening Date - N/A

The final is being checked as time permits in the division office and should be submitted to Helena about April 24, 1981.

RS-TQS-DP 206-1(2)4 Half Moon South
Grade, Gravel, Pl. Mix Bit. Surf. Seal
Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

McIntyre Construction Co.
Great Falls, Montana 59403
Gerald Roat, Field Project Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Comp. Date - September 24, 1980
Effective Opening Date - Aug. 27,1980

The final check is completed and awaiting transportation to Helena. This will be the final report.

HES-5-3(4)115 West Reserve - U.S. 93
Intersection Improvement
Length - 0.3 Miles
Contract Let - April 3, 1980
Contract Awarded - April 5, 1980
Contract Amount - $114,805.34
Proceed Order - April 28, 1980
Work Started - April 30, 1980

Pack & Company, Inc.
Kalispell, Montana 59901
Ken Chrisinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Comp. Date - April 8, 1981
Effective Opening Date - N/A

The contractor completed the project April 8, 1981, finishing minor cleanup and some additional Erosion Control work. Project was accepted by Supv. Div. Const. Sec. as of April 8, 1981. Contractor released three men. The project was completed using 73% of contract time. One engineer is working on final notes as time permits.

FR 5-3(7)120 - Kalispell - Whitefish
Plant Mix Overlay, Seal, Cover & Signing
Length - 5.3 Miles
Contract Let - February 26, 1981
Contract Awarded - February 28, 1981
Contract Amount - $1,065,217.25
Proceed Order - April 16, 1981
Work Started - April 1, 1981

Meyer Construction Co.
Billings, Montana 59103
Gene Piedalue, Field Project Mgr.
Whitefish, Montana 59937
Phone: 862-6352
Contract Time - 90 Working Days
Est. Comp. Date - September 1, 1981
Effective Opening Date - N/A

FR 5-3(7)120 - Kalispell - Whitefish (continued)

Progress has been fair the past period. The contractor is working two, eight hour shifts, five days a week with the crushing operation. The crushing and stockpiling of 1 1/2 inch cr. base and 3/4 inch top surf. was finished on April 16,1981. The contractor plans to start on the excavation the week of April 20th. The project is approximately 5% complete with 3% of the time elapsed. Construction layout is approximately 60% complete with four engineers and two inspectors currently assigned.

RS DP 486-1(3)0 & F 38-1(4)4U-1
Nucleus Avenue & Col. Falls E. & W.
Grade, Gravel, Pl. Mix Bit. Surf., Seal, Cover, Lighting & Signing & Storm Drain
Length - 0.6 Miles
Contract Let - Jan. 16, 1981
Contract Awarded - January 23, 1981
Contract Amount - $1,186,248.36
Proceed Order - April 16, 1981
Work Started - March 25, 1981

American Asphalt, Inc.
Missoula, Montana 59801
Gerald Roat, Field Project Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 100 Working Days
Est. Comp. Date - October 1, 1981
Effective Opening Date - Pending

Progress was fair. A four to five man crew worked intermittently on the project this past period, staking waste areas, R/W and misc. layout. The subcontractor, Schellinger Construction, finished crushing 3/4" top surf and bedding material on April 8, 1981, completing his sub-contract work. Placement of traffic control signing by American Asphalt began on April 13, 1981 with excavation planned for April 16, 1981, followed by water line installation on April 20, 1981. Construction layout is approximately 12% complete with five engineers and two inspectors currently assigned. The contract is approximately 3% complete with no contract time elapsed.

PMS 4140(56) Various Locations
Sign & Delineate Narrow Bridge Approaches
Various Counties - Statewide
Length - N/A
Contract Let - January 16, 1981
Contract Awarded - January 23, 1981
Contract Amount - $77,777.00
Proceed Order - Not Received
Work Not Started

Coral Construction Co.
Canby, Oregon
Dan Tombrink, Civil Engineer III
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 120 Working Days
Prob. Comp. Date - Pending

Work has not begun on the project. A verified material list of material required for bridges in this division was submitted to the Great Falls Division,which will be handling the project, on April 7, 1981. One engineer worked two days the past period preparing notes and material lists.

M6799(7) & F-1-2(11)120
Kalispell Storm Drain & Idaho St. Overlay
Length - 2.1 Miles
Contract Let - June 19, 1980
Contract Awarded - July 1, 1980
Contract Amount - $2,730,125.40
Proceed Order - July 22, 1980
Work Started - July 22, 1980

Peter Kiewit Sons' Co.
P.O. Box 20036
Billings, Montana 59401
Ray Munsinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 180 Working Days
Est. Comp. Date - July 1, 1981

Progress has been good this last period. Sub-contractor, Hamilton Construction, finished installing 18" R.C.P. storm drain line on 4th St. E. and all curb and drop inlets except for two on North Main St. which will be installed by the prime-contractor. This makes this item 97% complete. Sub-contractor, Hamilton, is completed on this project, employing nine personnel, working five - eight hour shifts. The prime-contractor plans to start work the week of April 20, 1981. Construction layout is approximately 77% complete with four to five personnel assigned as needed. The project is approximately 80% complete with 42% contract time elapsed.

SMP-2499-80 Maintenance Crushing
3 Setups in Lake and Lincoln Counties
Contract Let - December 12, 1980
Contract Awarded - December 19, 1980
Contract Amount - $114,105.00
Proceed Order - January 12, 1981
Work Started - January 26, 1981

Schellinger Construction Co.
P.O. Box 517
Columbia Falls, Montana 59912
Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 50 Working Days
Est. Comp. Date - April 30, 1981

Schellinger Const. Co. started crushing in Pit # 2740-54, Fish Hatchery Pit, near Libby, on April 6, 1981. He started crushing 3/8" chips and currently has 965 tons crushed. Two state employees are currently being used, testing and weighing. The contract is 65% complete with 64% of the contract time elapsed.

Howard A. Stockwell
FOR Thomas J. Barnard, P.E.,
Supv. Div. Construction Section

Department of Highways
Butte, Montana

April 16, 1981

Department of Highways
Helena, Montana

Progress Report
Division - 2130

Gentlemen:

The following report covers Construction and Preconstruction Operations in Division 2130 for the period ending April 14, 1981. The weather has been mild with rain and snow showers and temperatures ranging from +15° to +63°.

P R E C O N S T R U C T I O N

I 000B(2)Unit 9
Warm Springs
Pit Reclamation
Design
0.00 Miles
Deer Lodge County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Probable Completion Date: 4/30/81

Design work for the project consisted of inking x-sections and computing earthwork quantities. A 3 man crew expended 8 man days for a total of 14 man days used to date. Design work as a whole is 20% complete.

RF-8-1(4)34
Avon - Elliston
Location Survey
12.1 Miles
Powell County

Claude Flynn, M.F.P.U.
Butte, Mt - Tel. 792-1797
Est. Completion Date: Unknown

No work the past period. Centerline run is 67% complete. Cross-sections are 75% complete. Topography is 67% complete. Plan plotted is 52% complete. Project as a whole is 51% complete.

I-15-3(12)150 P.E.
Bernice - Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, Mt
Probable Completion Date: 11/20/81

Road
Morrison-Maierle
Met with M.D.O.H., F.H.W.A. & Mr. Boland at highway offices on March 23, 1981, to review detour road #2 & channel changes. Making revisions as requested by Mr. Boland. Field review of same is schedule for Tuesday, March 31st. Revised x-road at 1174+ 58.3-plotted x-sections, templated & computed earthwork. Drafted new typical section for detour road #2 to reflect latest variations. Drafted new mainline alignment on to road plans(sta.1110+- to 1151+-). Re-drafted new R/W sheets sta.1100 to 1160 as result of line change. Revising R/W widths thru this area. Project as a whole is 76% complete.

IR-15-4(55)200
Helena-North Overlay
Design
17.9 Miles
Lewis & Clark County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: 9/30/81

There was no work during past period. There have been a total of 26 man days used to date. Typical sections for ramps and mainline are 86%. Stations and quantities for the removal and resetting of concrete median rail is 87%. Preparation of summaries and straight line diagram is 55%. Design of the project as a whole is 41% complete.

F-19-1(4)10
Anaconda-West Valley
Design
4.5 Miles
Deer Lodge County

Designer: Unassigned
Probable Completion Date: Unknown

Location public hearing was held Dec. 11, 1979. Alternate 2 route will be used.

IR-90-4(35)206
Opportunity-Butte Overlay
Design
12.4 Miles
Deer Lodge & Silver Bow Counties

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: 9/30/81

There was no work during the past period. There have been a total of 33 man days used to date. Mainline stationing and typical sections are 97%. Ramp stationing and typical sections are 95%. Guardrail and surfacing summaries are 80%. Straight line diagram is 75%. Design of the project as a whole is 35% complete.

RS-276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver Bow County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: Unknown

No work the past period. All data was sent to Helena on Oct. 28, 1980 to be used in making a contour map of the project. The location survey is 93% complete with 207 man days used to date.

S-278-1(1)43
Jackson-North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross-sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

M-0299(4)
Anaconda Urban Street
Design
1.302 Miles
Deer Lodge County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: Unknown

No work was done on the project this period. The location survey remains 91% complete with 400 man days used to date.

RS-393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Est. Completion Date: Unknown

Design work on the project as a whole is 54% complete. Design work on the project has been suspended until the county of Butte-Silver Bow re-evaluates their road building priorities.

S-549-1(1)0
Whitehall Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Probable Completion Date: Unknown

It is anticipated that design work will resume on the project when the topography has been up-dated. The mylar and profile plotted, the plan and profile linens traced and the cross-sections plotted and inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M-5807(1)
M-5807(2)
M-5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th to Lawrence
Location & Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Mt
Probable Completion Date: 5/29/81

Completed printing & binding. Delivered 300 copies Draft E.I.S. to Highway Dept., April 2, 1981. Project as a whole is 82.5% complete.

BR-9022(8)
Boulder River Bridge
Location Survey
0.24 Miles
Jefferson County

Raymond M. Grant, Designer III
Butte, Mt - Tel. 494-2723
Probable Completion Date: Unknown

There was no work on the project during the past period. Plotting, checking and inking of the profile is 100% complete. Drawing of the hardshell & Form HYD 1 is 100% complete. Plotting, checking & inking of the cross-sections is 65% complete. The Bridge Situation Sheet (Form HYd1) & other pertinent data was sent to Helena on Oct. 15, 1980. A total of 97 man days have been used on the location survey.

I-000B(2)Unit 6
Erosion Control on Divide(No. & So.)
13.852 Miles
Silver Bow County
Contract Let: 8/23/79
Bid Price: $357,657.39
Work Started: 9/9/79

Swan & Sons Const., Inc.
Anaconda, Mt
George Buckman, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 50 Working Days
Completion Date: 7/14/80
Effective Opening Date: N/A

Checking of Final Data is progressing in Division Office. It is estimated that final data will be submitted to Helena on 4/24/81.

F-8-2(18)45
Intersection Improvement, 11th Ave. & Fee St., Helena
0.00 Miles
Lewis & Clark County
Contract Let: 5/3/79
Bid Price: $119,573.00
Work Started: 10/01/79

Skinner Enterprises
Helena, Mt
Carl Engstedt, E.T. III
Helena, Mt - Tel. 449-3031
Contract Time: 30 Working Days
Completion Date: 7/9/80
Effective Opening Date: N/A

Check of Final Data is progressing in Division Office. It is estimated that final data will be submitted to Helena on 4/30/81.

F-8-4(1)77 Unit 2
Townsend-Toston
Guardrail
9.7 Miles
Broadwater County
Contract Let: 3/26/81
Bid Price : $79,823.20
Work Not Started

Swan & Sons Const., Inc.
Anaconda, Mt
John McGeever, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 30 Working Days
Probable Completion Date: 6/26/81
Effective Opening Date: N/A

Preconstruction Conference has been scheduled for 04/17/81.

I-IG-15-1(44)0 & I-IG-15-1(46)9 Unit 1
Monida-North & Lima South(South Section)
Add 2 Lanes, Signing & Structures
12.6 Miles
Beaverhead County
Contract Let: 08/24/78
Bid Price: $6,673,310.83
Work Started: 10/16/78

General Const., Co.
Butte, Mt
Irvin Broell, M.F.P.U.(Road)
Lima, Mt - Tel. 276-3403
Harold Wiebe, M.F.P.U. (Bridge)
Lima, Mt - Tel. 276-3578
Contract Time: 220 Working Days
Probable Completion Date: 07/31/81
Effective Opening Date:

Road
Project on winter shut down. The ½ mile detour from sta.2940 to 2962 is now open for traffic. Project as a whole is 90% complete with 98% of the contract time elapsed. Construction layout as a whole is 100% complete, with 7 engineers engaged.

I-IG-15-1(44)0 &
I-IG-15-1(46)9 Unit 1 (cont'd)
Bridges
No work. Too cold for finishing concrete. Snowline Interchange at sta.2888+20.00: These structures are 100% complete. Monida Interchange at sta.3365+00.00: This structure is 100% complete. Separation at Sta.3222+00.00: These structures are 100% complete. Bridge over UPRR at sta.3306+71.65: This structure is 97% complete. Bridges over Junction Creek: All three structures are 100% complete. Percentages complete for the items are as follows: Class AD Concrete 100%; Reinforcing Steel 100%; Structure Excavation 100%; All Piling 100%; All Prestressed Beams 100%; Class BD Concrete 97%; Structural Steel 100%; Protective Coating 100%; Treated Timber M.B.M. 100%. The structures as a whole are 97% complete.

I-IG-15-1(46)9 Unit 2
Lima-South(North Section)
Add 2 Lanes-Grading, Surfacing &
Construction 118.0' Prestressed
Conc. Girder O'Pass(Lima Int.) & a
481' Composite St'l & Conc. Girder
Bridge (Over UPRR)
4.4 Miles
Beaverhead County
Contract Let: 5/03/79
Bid Price: $3,398,814.92
Work Started: 05/16/79

General Const., Co.
Butte, Mt
Joseph Bettle, M.F.P.U. (Road)
Lima, Mt - Tel. 276-3403
Harold Wiebe, M.F.P.U. (Bridge)
Lima, Mt - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date: 6/30/81
Effective Opening Date:

Road
No work the past period. Project as a whole is 80% complete with 72% of the contract time elapsed. Construction layout as a whole is 99% complete with 7 engineers engaged.
Bridges
No work. Too cold for concrete deck placement. Lima Interchange at sta.2590+00.00: This structure is 100% complete. Bridge over UPRR at sta.2713+00.06: This structure is 67% complete. Percentages complete for the items are as follows: All Piling 100%; Structure Excavation 95%; Class AD Concrete 93%; Class BD Concrete 20%; Reinforcing Steel 50%; All Prestressed Beams 100%; Structural Steel 92%; Protective Coating 20%. The structures as a whole are 67% complete.

I-15-1(51)37 Unit 1
Structures & Approaches on
Armstead No. & So.
Construction of Prestressed Concrete
Girder Structures & Approaches
0.02 Miles
Beaverhead County
Contract Let: 07/26/79
Bid Price: $506,064.63
Work Started: 09/18/79

Goodwin Const., Co.
Blackfoot, Idaho
Robert Gilman, M.F.P.U.
Dillon, Mt - Tel. 683-2471
Contract Time: 130 Working Days
Completion Date: 10/23/80
Effective Opening Date: N/A

Final Inspection & Acceptance 11/06/80. It is estimated that final data will be submitted to Helena on 07/10/81.

I-15-1(51)37 Unit 2

Armstead No. & So.	Zook Brothers Const., Co.
Grading, Agg. Surf., Pl. Mix	Great Falls, Mt
Bit. Surf., Signing, Seal & Cover &	Frank Caprara, M.F.P.U. (Road)
a Prestressed Conc. Girder Bridge	Dillon, Mt - Tel. 683-6290
5.9 Miles	Bob Gilman, M.F.P.U. (Bridges)
Beaverhead County	Dillon, Mt - Tel. 683-2471
Contract Let: 02/28/80	Contract Time: 190 Working Days
Bid Price: $3,399,704.18	Probable Completion Date: 05/15/81
Work Started: 03/17/80	Effective Opening Date:

Road

Project on winter shut down. Project as a whole is 75% complete with 76% of the contract time elapsed. Construction layout as a whole is 82% complete with 8 engineers engaged.

Bridge

Contractor on winter shut down. Bridge as a whole is 99% complete. Construction layout as a whole is 99% complete.

I-15-1(52)46 Unit 1

Pipe Organ No. & So.	General Const., Co.
(Structure & Approaches)	Butte, Mt
0.029 Miles	Robert Gilman, M.F.P.U.
Beaverhead County	Dillon, Mt - Tel. 683-2471
Contract Let: 08/23/79	Contract Time: 220 Working Days
Bid Price: $1,395,719.03	Probable Completion Date: 07/31/81
Work Started: 12/05/79	Effective Opening Date: N/A

Bridge over Beaverhead River at sta.562+42: Forming, tying reinforcing steel unit & placed concrete in pier no.3 crossbeam. Excavating & placing riprap in vicinity of bent no.4. Building ramp in vicinity of bent no.1 for setting prestress beams. Finishing pier no.3 columns & crossbeam. Bushhammering beam seat areas & setting bearing pads & plates pier no.3 crossbeam. Bridge over Beaverhead River at sta.764+36.1: Forming base deck overhangs spans no.1 thru no.3. Bridge over Beaverhead River at sta.764+80 K-Line: No Work. The contractor worked 10-8 hour shifts employing an average of 7 men. Project as a whole is 58% complete with 61% of the contract time elapsed.

I-15-1(54)51 Unit 1

Pipe Organ North(Structures)	Goodwin Const., Co.
Construction of Concrete Girder Bridge (2)	Blackfoot, Idaho
0.00 Miles	Larry Brazda, M.F.P.U.
Beaverhead County	Helena, Mt - Tel 449-3031
Contract Let: 10/25/79	Contract Time:185 Working Days
Bid Price: $545,970.50	Probable Completion Date: 05/15/81
Work Started: 05/06/80	Effective Opening Date: N/A

Work the past period has consisted of forming & placing concrete in the diaphragms, & forming the deck. They will continue forming the deck during the next period. The contractor employed 4 men for 10-8 hour shifts. Project as a whole is 80% complete with 77% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I-15-1(54)51 Unit 3
Structure on Pipe Organ North
Construction of a Prestressed Concrete
Girder Bridge
0.034 Miles
Beaverhead County
Contract Let: 04/03/80
Bid Price: $414,447.05
Work Started: 05/27/80

Morgan & Oswood Const., Co., Inc.
Great Falls, Mt
Larry Brazda, M.F.P.U.
Helena, Mt - Tel. 449-3031
Contract Time: 150 Working Days
Probable Completion: 05/15/81
Effective Opening Date: N/A

Work the past period has consisted of placing 1 c.y. concrete for the waterstop on Bent 1, forming & placing concrete in Bent 1 Backwall, & forming the deck. During the next period the contrator will continue forming the deck, & possibly pour diaphragms. The contractor employed 5 men for 10-8 hour shifts. Project as a whole is 71% complete with 87% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

IR-15-1(62)1 Unit 2 &
IR-90-3(50)184 Unit 2
Replacement of Sliding Plate
Expansion Joints
0.00 Miles
Powell, Silver Bow, Jefferson &
Lewis & Clark Counties
Contract Let: 06/19/80
Bid Price: $566,000.00
Work Started: 09/02/80

Pacemaker Industries, Inc.
Spokane, Wash.
Clare Sands, M.F.P.U.
Butte, Mt - Tel. 494-2723
Contract Time: 120 Working Days
Probable Completion Date: 06/15/81
Effective Opening Date: N/A

Contractor on winter shut down. Project as a whole is 43% complete with 48% of the contract time elapsed. Construction layout as a whole is 39% complete with 2 engineers engaged.

I-15-2(44)131 &
I-15-3(39)134
Butte-North & Woodville-North
Pl. Mix Surf., Seal & Cover
12.3 Miles
Silver Bow & Jefferson Counties
Contract Let: 08/23/79
Bid Price: $419,381.20
Work Started: 02/08/80

Jim Gilman Exc., Inc.
Butte, Mt
Jack Erickson, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 100 Working Days
Probable Completion Date: 06/12/81
Effective Opening Date: N/A

All major work on project completed. Chip & Seal operations will commence when weather permits after 05/15/81. Project as a whole is 89% complete with 87% of the contract time elapsed.

I-15-2(45)120 &
RS-BRS-441-1(3)0 Unit 2
Victor Interchange - Near Butte & Gregson
Lower & Resurface 1,000 Ft. of the S.B.
Lanes at Victor Interchange & Grade &
Surface 2.9 Miles of the Gregson Road
2.9 Miles
Silver Bow County
Contract Let: 03/26/81
Bid Price: $1,121,044.75
Work Not Started:

Jim Gilman Exc., Inc.
Butte, Mt
Jack Erickson, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 100 Working Days
Probable Completion Date: 09/11/81
Effective Opening Date:

Preconstruction Conference was held April 13, 1981.

I-15-3(29)160 Unit 3
Structure & Approaches on
Boulder - West Road
Construction of Precast Concrete
Girder Bridge (4)
0.111 Miles
Jefferson County
Contract Let: 05/31/79
Bid Price: $1,616,808.00
Work Started: 08/08/79

Morgan & Oswood Const. Co., Inc.
Great Falls, Mt
Albert Reather, M.F.P.U.
Boulder, Mt - Tel. 225-4330
Contract Time: 200 Working Days
Completion Date: 11/13/80
Effective Opening Date: N/A

Final Data was submitted to Helena on 04/03/81.

I-15-3(29)160 Unit 5 & I-15-3(31)164 &
I-IG-15-3(32)157 Unit 2
Boulder-West, Boulder Interchange
Ramp Revision & Basin East
Highway & Structures
5.4 Miles
Jefferson County
Contract Let: 06/19/80
Bid Price: $12,424,462.39
Work Started: 08/11/80

Peter Kiewit Sons' Co.
Billings, Mt
Bill Bork, M.F.P.U. (Road)
Boulder, Mt - Tel. 225-3962
Albert Reather, M.F.P.U.
Boulder, Mt - Tel. 225-4330
Contract Time: 280 Working Days
Probable Completion Date: 07/12/82
Effective Opening Date:

Contractor is currently drilling, pushing & hauling material from 2 cuts on the project, sta.1250 & 1400, drainage items & riprap operations proceeding sta.1266 & 1420. The crusher is currently crushing 1½" base course & 3/8" open grade friction course. The contractor employed 60 men for 10-8 hour shifts. Project as a whole is 25% complete with 24% of the contract time elapsed. Construction layout as a whole is 94% complete with 5 engineers & 8 inspectors engaged.

I-IG-15-3(32)157 Unit 1
Structure Basin East
Construction of a Prestressed Concrete
Girder Bridge
0.02 Miles
Jefferson County
Contract Let: 05/31/79
Bid Price: $317,475.62
Work Started: 07/17/79

Goodwin Const., Co.
Blackfoot, Idaho
Albert Reather, M.F.P.U.(Bridge)
Boulder, Mt - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date: 07/17/80
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on 06/19/81.

I-15-3(41)170
Comfort Station Renovation & Upgrading
0.00 Miles
Jefferson County
Contract Let: 01/22/81
Bid Price: $26,050.00
Work Not Started:

Livesay Traffic
Maintenance Inc.
Great Falls, Mt
Irvin Broell, M.F.P.U.
Lima, Mt - Tel. 276-3403
Contract Time: 45 Working Days
Probable Completion Date: 06/26/81
Effective Opening Date: N/A

Preconstruction Conference was held 02/20/81. Work is expected to begin about 04/24/81.

BRF-49-2(4)27
Structure Repair
Beaverhead River Bridge
0.00 Miles
Madison County
Contract Let: 3/26/81
Bid Price: $36,922.50
Work Not Started:

Edward Copps Const.
Billings, Mt
Clare Sands, M.F.P.U.
Butte, Mt - Tel. 494-2723
Contract Time: 40 Working Days
Probable Completion Date: 06/19/81
Effective Opening Date: N/A

Preconstruction Conference was held April 13, 1981.

F-HES-55-1(3)0
Intersection of Montana
Highways 41 & 55
Grading & Surfacing
0.6 Miles
Madison County
Contract Let: 03/26/81
Bid Price: $286,741.10
Work Started: 04/09/81

Jim Gilman Exc., Co., Inc.
Butte, Mt
George Buckman, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date: 09/11/81
Effective Opening Date: N/A

Work the past period consisted of Contractor beginning stripping topsoil, Culv. Exc. and Borrow Exc. The Contractor employed 15 men for 4-8 hour shifts. Project as a whole is 5% complete with 0% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers and 2 inspectors engaged.

I-IG-90-3(27)172 Unit 1
Garrison East & West(West Section)
The construction of a 590.83' Avg.
Length Dual Composite Steel &
Concrete Girder Bridge(Over Burlington
Northern, Inc.)
0.1 Miles
Powell County
Contract Let: 05/26/77
Bid Price: $1,985,384.05
Work Started: 07/27/77

General Const., Co.
Butte, Mt
Loren Matkin, M.F.P.U.
Dillon, Mt
Contract Time: 280 Working Days
Completion Date: 11/06/79
Effective Opening Date: N/A

Checking of Final Data is progressing in Division Office. It is estimated that final data will be submitted to Helena on 05/22/81.

I-IG-90-3(27)172 Unit 2 & F-88-1(1)1
Garrison E. & W. (West Section)
& Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I-IG-90-3(27)172 Unit 2
& Widening, Pl. Mix Bit. Surf.,
Signing & Lighting on 0.7 Miles
of Project F-88-1(1)1
4.9 Miles
Powell County

Contract Let: 09/29/77
Bid Price: $4,981,295.99
Work Started: 11/15/77
Washinton Constr., Co.
Missoula, Mt
Bill Bork, M.F.P.U.
Boulder, Mt - Tel. 225-3962
Contract Time: 250 Working Days
Completion Date: 07/23/80
Effective Opening Date: 11/20/79

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on 07/24/81.

I-IG-90-3(27)172 Unit 3
Structure on Garrison East
& West(West Section)
Construction on a Dual 692.5' Avg.
Prestressed Concrete Girder Bridge
(Over B.N.R.R.) a Dual
131.5' Prestressed Concrete Girder
Bridge(Little Blackfoot River)
0.156 Miles
Powell County

Contract Let: 09/29/77
Bid Price: $1,922,459.45
Work Started: 01/11/78
General Constr., Co.
Butte, Mt
Loren Matkin, M.F.P.U.
Dillon, Mt
Contract Time: 250 Working Days
Completion Date: 11/30/79
Effective Opening Date: N/A

Final Data was returned from Glendive Division Office on April 16, 1981. It is estimated that final data will be submitted to Helena on 04/28/81.

IR-90-3(46)180
Deer Lodge - No. & So.
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: 06/28/79
Bid Price: $1,199,967.70
Work Started: 08/15/79

Meyer Constr., Co.
Billings, Mt
Claude Flynn, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 70 Working Days
Probable Completion Date: 05/15/81
Effective Opening Date: N/A

No work the past period. Fit Reclamation remains to be completed. Project as a whole is 99% complete with 80% of the contract time elapsed. Construction layout as a whole is 100% complete.

I-90-3(53)193 & I-90-4(34)194
Racetrack No. & So.
Warm Springs No. & So.
Pl. Mix Surf., Seal & Cover
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: 08/23/79
Bid Price: $1,359,963.00
Work Started: 09/25/79

Jim Gilman Exc., Co., Inc.
Butte, Mt
Claude Flynn, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 100 Working Days
Completion Date: 08/08/80
Effective Opening Date: N/A

Final Data was submitted to Helena on April 7, 1981.

I-90-5(40)233 Unit 1
Homestake Pass Safety
Grading, Surfacing & Signing
of a Truck Escape Ramp
0.00 Miles
Jefferson County
Contract Let: 07/24/80
Bid Price: $1,179,021.95
Work Started: 08/26/80

Clark Brothers Contractors
Victor, Mt
Robert Wilson, M.F.P.U.
Butte, Mt - Tel. 723-5233
Contract Time: 100 Working Days
Probable Completion Date: 05/29/81
Effective Opening Date: N/A

Work the past period consisted of running screening plant for arrestor bed surfacing. The contractor employed 8 men for 12-8 hour shifts. Project as a whole is 58% complete with 53% of the contract time elapsed. Construction as a whole is 87% complete with 6 engineers & 1 inspector engaged.

I-90-5(41)233
Sewer Improvements
Homestake Rest Area
0.00 Miles
Jefferson County
Contract Let: 05/28/80
Bid Price: $275,990.00
Work Started: 07/15/80

Jim Gilman Exc., Co., Inc.
Butte, Mt
Robert Wilson, M.F.P.U.
Butte, Mt - Tel. 723-5233
Contract Time: 110 Working Days
Probable Completion Date: 04/30/81
Effective Opening Date: N/A

Work the past period consisted of installing ejectors & wiring panels in Rest Rooms. The contractor employed 4 men for 6-8 hour shifts. Project as a whole is 91% complete with 62% of the contract time elapsed. Construction layout as a whole is 92% complete with 6 engineers & 1 inspector engaged.

HHS-280-1(2)Unit 2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: 05/31/79
Bid Price: $16,765.40
Work Started: 04/17/80

LaSalle Constr., Co.
Havre, Mt
Carl Engstedt, E.T. III
Helena, Mt - Tel. 449-3031
Contract Time: 45 Working Days
Completion Date: 02/10/81
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be sent to Helena on 05/23/81.

RS-BRS-DP-280-1(5)11
York Bridge on the Helena - York Road
0.205 Miles
Lewis & Clark County
Contract Let: 03/26/81
Bid Price: $3,414,979.34
Work Not Started:

Peter Kiewit Sons' Co.
Billings, Mt
Larry Brazda, M.F.P.U.
Helena, Mt - Tel. 449-3031
Contract Time: 250 Working Days
Probable Completion Date: 06/11/82
Effective Opening Date:

Preconstruction Conference has been scheduled for April 23, 1981.

BRS-361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of Prestressed Concrete
Girder Bridge & Grading, Agg. Surf.,
& Road Mix Surf., of the Approaches
0.2 Miles
Madison County
Contract Let: 09/28/77
Bid Price: $577,136.64
Work Started: 11/04/77

McIntyre Const., Co. &
S. Birch, Inc.
Great Falls, Mt
Harold Wiebe, M.F.P.U.
Lima, Mt - Tel. 276-3578
Completion Date: 07/10/79
Effective Opening Date: 10/31/78

Final Data is being checked in Glendive Division Office. It is estimated that final data will be submitted to Helena on 05/15/81.

BRS-361-1(3)17 Unit 2
Bridge Repair on the Big Hole River Bridge
0.00 Miles
Madison County
Contract Let: 08/28/80
Bid Price: $50,625.00
Work Started: 02/04/81

Swan & Sons Const., Inc.
Anaconda, Mt
John McGeever, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 60 Working Days
Probable Completion Date: 07/20/81
Effective Opening Date: N/A

No work the past period. Project as a whole is 10% complete with 0% of the contract time elapsed. There are 2 inspectors on this project.

RS-BRS-441-1(3)0 Unit 1
Gregson(Structure)
Constr. of a Prestressed Concrete
Girder Bridge
0.00 Miles
Silver Bow County
Contract Let: 11/29/79
Bid Price: $238,690.00
Work Started: 02/28/80

Cop Constr., Co.
Billings, Mt
Clare Sands, M.F.P.U.
Butte, Mt - Tel. 494-2723
Contract Time: 110 Working Days
Completion Date: 08/12/80
Effective Opening Date: N/A

Checking of Final Data is completed in Division Office. It is estimated that final data will be submitted to Helena on 04/17/81.

M-1810(2)
Grand Ave. - Butte
Grading, Agg. Surf., Pl. Mix Surf.,
Curb & Gutter, Sidewalk, Traffic
Signal & Lighting
1.4 Miles
Silver Bow County
Contract Let: 08/18/80
Bid Price: $1,163,312.28
Work Started: 11/28/80

Dugdale Constr., Co., Inc.
Butte, Mt
Claude Flynn, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 120 Working Days
Probable Completion Date: 10/16/81
Effective Opening Date: N/A

Dugdale Co. installing storm sewer sta. 5+00+- to sta. 12+50+-. Western Sign(subcontr.) installing light pole bases & conduit 16+00+- to 21+00+-. Contractor employed 20 men for 6-8 hour shifts. Project as a whole is 16% complete with 0% of the contract time elapsed. Construction layout as a whole is 70% complete with 5 engineers & 2 inspectors engaged.

PMS-4140(56)
Statewide Narrow Bridge Approach
Markings in Various Counties, Montana
Butte Division - Broadwater, Deer Lodge,
Gallatin, Jefferson & Powell Counties
Contract Let: 01/16/81
Bid Price: $77,777.00

Coral Constr., Co.
Canby, Oregon
John McGeever, M.F.P.U.
Butte, Mt - Tel. 792-1797
Contract Time: 120 Working Days
Probable Completion Date: 10/09/81

A 2 man engineering crew completed staking bridge approach marking on 03/16/81.

MF-5899(2)
West Area Drainage - Helena
Euclid Ave. Storm Drain - Phase 1
Lewis & Clark County
Contract Let: 10/29/80

Clark Brothers Contractors
Victor, Mt
John McGeever, M.F.P.U.
Butte, Mt - Tel. 792-1797

MR-5899(2) (cont'd)
D.O.H. Obligation: $425,000.00
Work Started: 01/12/81

Contract Time: 240 Calendar Days
Probable Completion Date: 11/20/81
Effective Opening Date: N/A

Work the past period consisted of completing excavation on Ponds A,B,C,D & E. Contractor is presently excavating & laying culverts on the Henderson Channel. The Contractor employed 5 men for 12-8 hour shifts. Project as a whole is 50% complete with 4% of the contract time elapsed. There is a 4 man consultant engineering on this project (Stahly Eng.), 2 City Inspectors (Periodic Inspection) and 1 State Inspector (Monthly Inspection).

BR-9012(3)
Beck Lane
Construction of a 75.0'
Prestressed concrete girder bridge
(Over the Clark Fork River)
0.014 Miles
Deer Lodge County
Contract Let: 03/26/81
Bid Price: $92,562.00
Work Not Started:

Frontier West Inc.
Missoula, Mt
Dan Zahn, E.T. III
Butte, Mt - Tel. 494-2723
Contract Time: 90 Working Days
Probable Completion Date: 09/18/81
Effective Opening Date: N/A

Preconstruction Conference has not been held.

KENNETH G. RAPP, P.E., SUPERVISOR
DIVISION CONSTRUCTION SECTION - BUTTE

KGR/GBH/MJJ:mfd

April 17, 1981

P.O. Box 1110
Bozeman, Montana 59715

Department of Highways
Helena, Montana 59620

Following is a report covering Construction and Preconstruction operations in the Bozeman Division for the two-week period ending April 17, 1981. Spring snow storms hampered or stopped construction operations in various locations in the Bozeman Division during the past two weeks.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All requested field work has been completed.

F 11-1(5)20
Rest Area near Emigrant

Engineer Unassigned

A Preliminary Plan-In-Hand inspection was held on February 11, 1981. This project is currently scheduled to go to contract in August, 1981.

F 13-1( ) 24
8 Mi. So. of Cameron - South
Length - 9.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( ) 30
3 Mi. So. of Cameron - South
Length - 5.0 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Completion: 12-12-79

All requested field work has been completed.

F 13-1(7)18
Raynolds Pass Rest Area

Engineer Unassigned

A Preliminary Plan-In-Hand inspection was held on February 11, 1981. This project is scheduled for the letting in August, 1981.

FR 29-1(8)0
West of Ennis
Length - 12.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion:
April 30, 1981

The bridge plans were incorporated into the construction plans, the field designer check was completed and the plans were submitted to Helena for final checking on April 10, 1981. A total of seventy-one and one half man days were used for the field design of this project which is now 90% complete.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

The design of the project between Bozeman and Four Corners is 90% complete and the access control plans from the mouth of the Gallatin Canyon to Four Corners is also 90% complete. A Preliminary Plan-In-Hand inspection was held for the limited access control plans and construction plans for the approach realignment of Cobb Hill and Little Bear Canyon Roads on April 16, 1981.

F 59-1(5)7
Clyde Park - So.
Length - 7.3 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All work requested to date has been completed.

F 85-1(1)0
Belgrade - Four Corners
Length - 6.7 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman
Survey Started: 1-12-81

A three man survey crew is presently running levels to set vertical control points. This location remains 75% complete.

HES 86-1( ) 1
Int. of FAP 86 & FAS 536

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

All requested field work has been completed.

F 86-1(4)18
Battle Ridge No. & So.
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion:
May 15, 1981

The design of this project has been suspended until the final bridge plans are received for the Middle Fork BrackettCreek crossing. A total of 341 man days have been expended on this design which is 82% complete.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion:
October, 1981

A total of 101 man days have been expended on this design which is 40% complete.

I90-6(36)315 U-3
Bozeman Pass - East, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

IR 90-6(38)309
Rocky Canyon Overlay
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All field work requested to date has been completed.

I 90-7(36)318 U-2
Bozeman Pass - East, Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(37)350 U-2
Springdale - Big Timber
Length - 3.6 Miles

Engineer Unassigned

All requested field work has been completed.

I 90-7(45)368
Big Timber - Greycliff
Length - 6.8 Miles PMS

Engineer Unassigned

This project is presently scheduled for the June, 1981, letting.

HES 205-1(2)28 U-2
North of Bozeman
Right Turn Lane

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested work has been completed.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion:
March, 1982

There was no work on this design this period and it remains 50% complete with a total of 191 man days expended.

RS 540-1(1)0
East River Road - Park County
Length - 16.0 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston
Survey Authorized: Dec. 18, 1980
Estimated Completion: Unknown

All field notes for priority number one Pine Creek to Mill Creek were turned into the Division Office on April 14, 1981. Work is now in progress on priority number 2 and it is estimated that this will be completed by April 24, 1981.

M 1201(1)
North 19th - Bozeman, Design
Approx. Length - 0.5 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

A Preliminary Plan-In-Hand inspection was held on April 1, 1981, for the lighting and traffic signals located at 19th and Main.

M 1202(1) — Engineer Unassigned
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: July 26, 1976

All requested field work has been completed.

M 1212(1) — Thomas, Dean & Hoskins, Inc.
Kagy Lane from Willson to Highland — Bozeman, Montana
Design — Bozeman
Approx. Length - 1.1 Miles

The final Plan-In-Hand inspection was held on November 25, 1980.

M 1212(4) — Engineer Unassigned
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

This location survey has not been started to date.

M 7406(1) — Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Design Approx. Length - 1.3 Miles

Design of this project is now 100% complete.

C O N S T R U C T I O N

F 59-1(4)14 U-2 — Wickens Brothers
Clyde Park - North — Lewistown, Montana
GR., AGG., Surf. Pl. Mix Surf. — Donald J. Coughlin, FPM
Length - 6.2 Miles — Phone 222-7737 Livingston
Contract Awarded: December 6, 1979 — Contract Time: 140 Working Days
Contract Amount: $2,537,329.50 — Probable Completion: July 1, 1981
Work Started: February 19, 1980 — Proceed Order Date: April 16, 1980

Installation of sidewalk, seeding and fencing was in progress. A four man engineering crew is assigned to this project which is 90% complete with 82% of the contract time elapsed. The contractor has 30 working days of contract time remaining.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
GR., DR., AGG., Surf., Pl. Mix Surf.
Length - 6.1 Miles
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Harold G. Heath, FPM
Phone 586-5074 Bozeman
Contract Time: 180 Working Days
Probable Completion: Oct. 31, 1981
Effective Opening Date:

The contractor has suspended operations for the winter. A seven-man engineering crew is assigned to this project which is 75% complete with 79% of the contract time elapsed. The contractor has 40 working days of contract time remaining.

IR 90-3(50)184 U-1
Replacement of sliding plate expansion joints
(Gallatin and Park Counties)
Contract Awarded: May 30, 1980
Contract Amount: $731,524.00
Proceed Order Date: June 25, 1980
Work Started: October 9, 1980

Skinner Enterprises
Helena, Montana
Jerry R. Branum, FPM
Phone 222-7085 Livingston
Contract Time: 150 Working Days
Probable Completion:
Effective Opening Date: NA

Progress has been good with the contractor employing an average of six men and working two - four hour shifts, one - seven hour shift, two - eight hour shifts, one - eight and one half hour shift, and five - 9 hour shifts. A total of 139 lineal feet of expansion joint has been installed in 6 structures in Gallatin County. One man is performing inspection duties on this project which is 11% complete with 24% of contract time elapsed. The contractor has 113 working days of contract time remaining.

I 90-6(42)315 & I 90-7(44)318
Boz. Pass - West; Boz. Pass - East
Plant Mix Overlay
Length - 11.6 Miles
Contract Awarded: October 2, 1979
Contract Amount: $3,614,999.31
Proceed Order Date: 10-26-79
Work Started: June 10, 1980

Zook Brothers Construction Co.
Great Falls, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 120 Working Days
Probable Completion: June 15, 1981
Effective Opening Date:

Zook Brothers Construction Company is setting up their crusher for production of the open graded friction course aggregate. A three - man engineering crew is assigned to this project which is 92% complete with 86% of the contract time elapsed. The contractor has 17 working days of contract time remaining.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Section)
Greycliff - East Access Road
G., Strs, @ Sta. 580+, 620, 680, 690,
GS, PMS
G, GS, PMS
Length - 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE., FPM - Grade
Phone 586-5074 Bozeman
Theodore C. Herman, Eng. Tech III
Phone 222-7085 Livingston
Probable Completion: May 1, 1981
Contract Time: 240 Working Days
Effective Opening Date: 10-10-80
(Mile Post 371.5 ahead)
Work Started: May 2, 1979

The Division Office check of the structure portion of the project has been completed by the Glendive Division and returned to the Bozeman Office. A three - man engineering crew has been working on the notes and linens and supporting data for the final estimate. Work remaining on the project consists of seeding, signing, miscellaneous clean up work and pit reclamation. The project remains 99% complete with 99% of the contract time elapsed. The contractor has one working day of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum
Surf., 245.5' and 321.0' Prest.
Conc. Girder Bridges
Contract Awarded: 02-20-79
Contract Amount: $2,812,366.01
Work Started: 04-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM, Grade
Phone 222-7085 Livingston
Theodore C. Herman, Eng.Tech III-Str.
Phone 222-7085 Livingston
Contract Time: 180 Working Days
Completion: October 30, 1980
Effective Opening Date: NA

The Division Office checking of the structure quantities has been completed by the Glendive Division and all data has been returned to Bozeman. All notes and supporting data for the grading portion of the project were transmitted to Wolf Point for Division Office check on February 27, 1981.

I 90-7(35)364 U-5
Big Timber - Greycliff
Girder Str. (Over Boulder River)
Dual 323' Prest. Conc. Girder Bridge
Contract Awarded: 06-08-79
Contract Amount: $1,259,840.20
Proceed Order Date: 07-05-79
Work Started: 07-12-79

Sletten Construction Company
Great Falls, Montana
Theodore C. Herman, Eng. Tech.
III - Str.
Phone 222-7085 Livingston
Contract Time: 220 Working Days
Completion Date: 10-22-80
Effective Opening Date: NA

All notes and supporting data for the final estimate were transmitted to Glendive for Division Office checking on March 30, 1981.

I 90-7(35)364 U-6
I 90-7(35)364 U-7
I 90-7(41)359
F 91-1(2)0
Big Timber - Greycliff (W. Section)
Big Timber - Greycliff
Springdale - Big Timber (E. Section)
Big Timber - East & West
Gr., AGG., Surf., Pl. Mix Surf. & Dual Girder Str.
Length - 11.6 Miles
Contract Awarded: August 24, 1979
Contract Amount: $9,061,336.92
Proceed Order Date: 09-25-79
Work Started: October 24, 1979

Hilde Construction Co., Inc.
Great Falls, Montana
Ross M. Johnson, FPM - Grade
Phone 932-3722 Big Timber
Contract Time: 270 Working Days
Probable Completion: Oct. 31, 1981
Effective Opening Date:

Progress has been good with the contractor employing 34 men and working five - nine hour shifts per week. Grading operations are in progress on the West Bound Lane between Stations 1627+50 and 1729+28. 25,400 tons of the plant mix has been placed bringing this item to 20% complete. The gravel and related items are now 48% complete and fencing is 98% complete. The seeding and fertilization has been completed. A fifteen - man engineering crew is assigned to this project which is 75% complete with 57% of the contract time elapsed. The contractor has 128 working days of contract time remaining.

I 90-7(37)350 U-1
Springdale - Big Timber
G, AS, PMS, OGFC, Dual 123'
Prest. Conc. Girder Str. & Dual 114'
Prest. Conc. Girder Str.
Length - 4.6 Miles
RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
G, AS, Signing, FE
Length - 0.2 Mile
Contract Awarded: Febr. 28, 1981
Contract Amount: $5,790,026.97
Proceed Order Date: April 16, 1981
Work Started: March 11, 1981

Wickens Brothers
Lewistown, Montana
George A. Sitton, FPM - Grade
Phone 222-7085 Livingston
Jerry R. Branum, FPM-Structure
Phone 222-7085 Livingston
Contract Time: 230 Working Days
Probable Completion:
Effective Opening Date:

The contractor began double shifting on the grading operations on April 7, 1981, and work is in progress between Stations 1040 and 1095. A total of 35,500 cubic yards of unclassified excavation was accomplished bringing this item to 3% complete. Fence panels are being installed right of Main Line Station 1020 through 1190. On the structure subcontract, McIntyre Construction started work April 6, 1981 and work has consisted of excavating for the footings of Bent two West Bound, three West Bound and two East Bound on the Springdale Interchange. Class DD concrete was placed for the footings of Bent Number two East Bound and West Bound. Forty two cubic yards of Class DD concrete was placed bringing this item to 1% complete. He has been employing an average of six men and worked seven - eight hour shifts. A two-man engineering crew is assigned to inspection duties on the structural portion of the contract.

On the Springdale-Hunters Hot Springs Secondary 34,205 cubic yards of unclassified borrow was moved and 1,480 cubic yards of unclassified excavation was accomplished. Eighty-five rods of farm fence was also installed. Hauling of the borrow material to the fill was completed on April 7 and finishing work is now in progress. A fifteen - man engineering crew is assigned inspection duties on this project which is 2% complete with 0% of the contract time elapsed. The contractor has 230 working days of contract time remaining.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters Hot Springs
471' Structure and Approaches
Contract Awarded: July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 08-17-79
Work Started: 09-18-79

Morgen & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
Phone 222-7085 Livingston
Contract Time: 240 Working Days
Completion Date: March 30, 1981
Effective Opening Date: NA

The final estimate and supporting data was turned into the Division Office on April 13, 1981, and Division Office checking is now in progress.

M 7403(3) & M 7404(3)
5th St., Park to Front, Livingston
Front Street, Main to Cemetery - Liv.
GR., AGG., Surf. and Signing
Length - 1.6 Miles
Contract Awarded: February 4, 1980
Contract Amount: $629,771.95
Work Started: March 13, 1980

Rehbein Contracting, Inc.
Plains, Montana
William G. Shuyler, FPM
Phone: 222-1795 Livingston
Contract Time: 90 Working Days
Completion Date: October 14, 1980
Effective Opening: October 3, 1980

The final estimate and supporting data was transmitted to Helena on April 7, 1981. This will be the last report for this project.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH/EJR:mh
cc: Lee Alt
Boz Div Ofc
Boz Div Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
APRIL 20, 1981

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report for Division 3130 during the period April 7, 1981 through April 20, 1981.

GENERAL

Weather during this reporting period has been mostly cloudy and windy to cold and snow, with temperatures ranging from 20° to 60°.

PRE-CONSTRUCTION

F 60-2(3) Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: September 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1981

Three men worked 23 days preparing design for P.I.H. Design is 60% complete. P.I.H. to be held during the month of May, 1981.

F 3-1(1)
Fairfield - East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1981

EAST SECTION - 4.9 MILES
Design remains 73% complete. No progress during this reporting period. Presently awaiting hydraulic (sub-drain) data.

F 9-1(1)
F 238(13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
No progress. Design is 4% complete. Probable completion date - December, 1982.
MIDDLE SECTION - 5.4 MILES
Two men worked 6 days plotting cross sections. Design is 22% complete. Probable completion date - December, 1982.
NORTH SECTION - 3.8 MILES
No progress. Design is 3% complete. Probable completion date - December, 1982.

IR 15-5(69)
Ulm - Gore Hill
South Frontage Road
Plant Mix Surface
Length: 3.5 Miles
Design Started: June 30, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1981

No progress this period. Design is 35% complete.

M 5225(1)
Int. Ramps I-315 at 14th St. S.W.
Great Falls
Cascade County
Length: 0.4 Miles
Survey Authorized: February 1, 1978

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Survey Started: Oct. 8, 1980
(Revised Alignment)
Prob. Comp. Date: July 15, 1981

Work temporarily suspended. Engineering crew assigned to other work. Twelve man-days have been used to date. The total survey is 5.9% complete.

RF 24-3(3) 76
Rogers Pass East & West - East Section
Plant Mix Overlay
Lewis & Clark County

Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Work Started: Dec. 9, 1980
*Prob. Comp. Date: May, 1982

A 4 man engineering crew worked 24 man-days establishing bench marks and topography. 524 man-days have been used to date. The total survey is 58% complete.
*Prob. Comp. Date
Middle Section 7± miles - Sterns Hall Road to Bowman's Corner will be completed May, 1981, remaining East & West Sections - May, 1982.

FR 60-2(8)
Cascade County
Location Survey
Length: 12.3 Miles

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #452-2361
Survey Authorized: Feb. 26, 1980
Est. Comp. Date: May 1, 1981

Four man-days were spent running line from station 831+42 to 1064+65. Seventy-three man-days have been used to date. The total survey is 15.4% complete.

FR 60-2(8) 181
Belt - East & West
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1981

No progress during this reporting period. Design remains 2% complete. Additional field data is required and will be provided when survey crew is available.

HES 60-2(6) 91
10th Ave. South - Great Falls
Location Survey
Street Lighting
Date Survey Authorized: August 27, 1980

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573

No progress to date. The assigned crew is engaged in other projects.

RS 565-1(1)
Simms - North
Length: 1.1 Miles
Design Started: Sept. 10, 1979

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Aug., 1981

No progress this period. P.I.H. held August 21, 1980. Presently awaiting hydraulic and bridge data. Design remains 78% complete.

M 5212(1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Unknown

No report received this period. Final E.I.S. revisions completed and report sent to printing. Refinements to preliminary design nearly completed. Cross-sections have been plotted and earthwork calculations are completed. Location & Design contract is 92% complete.

RS 431-1(7) 7
Fairfield - Power
Teton County
Location Survey
Length: 7 Miles

Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643
Survey Authorized: Jan. 8, 1980
Est. Comp. Date: Dec. 15, 1981

No progress during this reporting period. Engineering crew engaged in other assignments. Location survey remains 2% complete.

CONSTRUCTION

I 15-4(52) 212
Sieben Flats
Erect Snow Fence & Revise Guard Rail
Lewis & Clark County
Contract Awarded: Dec. 19, 1980
Contract Amount: $92,227.54
Work Started: March 25, 1981

Swan & Son Construction, Inc.
Box 111, RFD #1 - Anaconda, Mt.
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 30 Working Days
Prob. Comp. Date: May, 1981

I 15-4(52) 212 Continued

Progress was good. Contractor, Swan & Sons Const., Inc., employed 10 men on ten 8 hour shifts placing snow fence panels and partly anchoring each panel. Also leveling the ground with a grader for panel placement and removed all the Bituminous Curb and Guard Rail. Sub-contractor, Western Sign Corp. employed 4 men on six 8 hour shifts. Contractor began installing Guard Rail-Cable on April 6, 1981. Percentages of completion are: Remove Bitum. Curb, Remove Guard Rail, Guard Rail-Cable and Guard Rail-Cable/End Anchor - 100%; Dozer - 21%; Snow Fence-Wood 12 Ft. - 60%; Snow Fence Anchor System #1 - 20%. Project as a whole is 67% complete with 0% of the contract time elapsed. A one man engineering crew is engaged in inspection and office work.

I 15-4(49) 214
Wolf Creek Rest Areas
Renovation & Upgrading
Lewis & Clark County
Contract Awarded: August 28, 1980
Contract Amount: $23,794.00
Work Started: October 13, 1980

Heritage Builders, Inc.
817 17th Street
Havre, Mt. 59501
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 30 Working Days
Prob. Comp. Date: May, 1981

Progress was good. Prime contractor, Heritage Builders, Inc., employed 1 man on six 8 hour shifts finishing placing of Signs, painting and cleanup of demolition area. Sub-contractor, American Plumbing & Heating employed 2 men on three 8 hour shifts completing installation of drinking fountains and valves,completing the plumbing. All items are 100% complete except misc. work which consists of repairs to the roof to the satisfaction of the engineer. Project as a whole is 98% complete.

I 15-4(51) 217
IR 15-4(53) 218
Sieben - Wolf Creek
Lewis & Clark County
Length: 12 Miles
Contract Awarded: April 5, 1980
Contract Amount: $5,221,837.97
Work Started: June 10, 1980

Zook Bros. Const. Co.
P.O. Box 2025
Great Falls, Mt. 59403
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 180 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

Project is on winter shut down. Contractor plans to resume installation of Bin Wall April 15, Line Shift on or about May 1st and Paving operations possibly May 15, 1981. Sub-contractor, Western,Sign plans to start Guard Rail operations April 15, 1981. Project remains 60% complete with 49% of the contract time elapsed. The engineering crew is presently engaged in other assignments.

I 15-4(56) 240
Dearborn Rest Area Renovation & Upgrading
Lewis & Clark County
Contract Awarded:
Amount of Contract: $18,850.00
Work Started:

Livesay Traffic Maint., Inc.
1509 High Street
Great Falls, Mt. 59405
Glen Enderson - Mgr. F.P.U.

Comp. Time: 30 Working Days
Prob. Comp. Date: June, 1981

The contract was let March 26, 1981 to Livesay Traffic Maintenance, Inc., of Great Falls. Award date is pending. The preconstruction conference has not been scheduled. The starting date is contingent on the availability and arrival of the materials on the project.

F 3-2(2) 23
Fairfield East & West (No. Section)
Grade, Gravel & Surf.
Length: 4.6 Miles
Teton County
Contract Awarded: May 28, 1980
Contract Amount: $1,698,378.12
Work Started: June 25, 1980

McIntyre & S. Birch (J.V.)
P.O. Box 1267, Gt. Falls 59403
Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643
Comp. Time: 120 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

Progress was good. Contractor employed 22 men on five 8 hour shifts finishing grading operations and crushing gravel. Contractor plans to complete all gravel work within the next two weeks and hot plant operations are planned within 10 days. Percentages of completion are: Base Course 1½" Gr. 5A - 94%; Top Surf. 3/4" Gr. 2A - 47% and Traffic Control Devices - 92%. Project as a whole is 69% complete with 74% of the contract time elapsed. A 10 man engineering crew is engaged in inspection, layout and office work.

F-BRF 3-2(7) 60
Dupuyer - North & South
Structure and Approaches
Pondera County
Length: 0.033 Miles
Contract Awarded: Feb. 29, 1980
Contract Amount: $542,497.50
Work Started: March 21, 1980

McIntyre Const. & S. Birch (J.V.)
P.O. Box 2167, Gt. Falls 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 120 Working Days
Comp. Date: April 10, 1981
Effective Opening Date: 10-10-80

STRUCTURE
This portion of the project was completed and inspected on September 22, 1980. All items are now 100%. A 2 man engineering crew is engaged in compiling final data and other assignments. A final inspection was made April 13, 1981.
ROADWAY
Contractor, McIntyre Const. & S. Birch (J.V.), employed 3 men on 3 varying shifts seeding and cleanup of roadway and pit and completed fencing on April 10 1981. Project as a whole is 100% complete with 78% of the contract time elapsed. Engineering crew is engaged in other assignments.

HES 10-1(3) & F 10-1(2) 1
8th Ave. North with 14th & 15th Streets
Great Falls - Cascade County
Signals
Contract Awarded: Feb. 29, 1980
Contract Amount: $84,899.70
Work Started: June 2, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: Dec. 12, 1980

Project was completed December 12, 1980. The Final Estimate and Supporting Data was submitted to the Division office on January 23, 1981 and will be submitted to Helena on April 20, 1981. Final report.

HES 21-1(1) 3
Conrad - South
Safety
Pondera County
Contract Awarded: June 30, 1980
Contract Amount: $35,124.95
Work Started: July 15, 1980

Swan & Sons Const., Inc.
P.O. Box 111, RFD #1
Anaconda, Mt. 59711
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 30 Working Days
Prob. Comp. Date: Apr. 30, 1981

Sub-contractor, Livesay Traffic Maintenance grouted light poles on April 14, 1981. The project is 90% complete with 13% of the contract time elapsed. The work remaining consists of minor cleanup and seeding which will be done in the spring. The engineering crew assigned is engaged in other projects.

F 60-2(5) 92 U-1
Warden Bridge - Great Falls
Cascade County
Length: 0.198 Miles
Contract Awarded: Jan. 23, 1981
Contract Amount: $4,792,996.20

Sletten Const. Company
P.O. Box 2467, Gt. Falls 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 310 Working Days
Prob. Comp. Date:

Progress was good. Contractor employed 23 men ten 8 hour shifts driving work bridge, excavating at No. 2, Shoring & Cribs at No. 3, forming, tying resteel and placing concrete at No. 8. Embankment is partly placed; Pier #2 Shoring & Cribs are in place, the excavation is about complete; Pier #3 has the Cofferdam sheets driven but no excavating has started; work bridge is driven to Pier #4; Bent #8 has the columns placed and the cap is formed. Percentages of completion are: AD Conc. - 1%; Struct. Exc. I - 70%, Struct. Exc. II - 12%, Shoring & Cribs - 20%, Resteel - 2% and Work Bridge - 35%. Project as a whole is 6.1% complete with 0% of the contract time elapsed. The three man engineering crew is engaged in layout and inspection and working on other projects.

RS-TQS 220-1(3) 6
Farmington - North
8.5 Miles Grade, Gravel & Surface
W/2 Structures
Teton County
Contract Awarded: June 30, 1980
Contract Amount: $3,388,519.68
Work Started: July 25, 1980

Hilde Const. Co. - Contr.
P.O. Box 2287, Gt. Falls 59403
Harry Strong - Mgr. F.P.U.
Don Harrison - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 150 Working Days
Prob. Comp. Date: Oct., 1981
Effective Opening Date:

RS-TQS 220-1(3) 6 Continued

ROADWAY
Progress was good. Sub-contractor, Clark & Son is erecting fence. Prime contractor employed 49 men on eighteen 9 hour shifts producing and stockpiling Plant Mix Aggregate and Cover Material,which was completed April 9, 1981. Contractor began producing and stockpiling 1½" Base Course on April 10, 1981 and moving Uncl. Exc. from station 380 to 740 and installing R.C.P. Culverts. Percentages of completion are: Uncl. Exc. - 55%; R.C.P. Culverts - 65%; Fencing - 80%. Project as a whole is 28% complete with 19% of the contract time elapsed. An 8 man engineering crew is engaged in layout and inspection.
STRUCTURE
Contractor has completed placing concrete for sub-structures and has set beams for both structures. Bridge deck forming is in progress for Jones Creek Bridge. Contractor plans to pour the first bridge deck about May 15, 1981. Re-steel for the bridge decks was delivered to the project on April 8, 1981. A small crew continues to work on minor irrigation structures (Class DD Concrete). Work on bridges will be nearly suspended next week as Supt. plans to use the entire crew on the DD Concrete in order to complete necessary work before the approaching irrigation season. Percentages of completion are: Furnish & Drive Piling - 100%; Concrete Cl. AD - 51%; Concrete Cl. DD - 56%; Pre-Stressed Beams - 95%; Struct. Exc., - 90%; Reinf. Steel - 7%; Pipe Supports - 85% and Remove Structure - 95%. Project as a whole is 55% complete.

RS-BRS 564-1(3) 4
Carter - North
Chouteau County
1.1 Miles Grade & Agg. Surf.
Structure - 232 Feet in Length
Contract Awarded: July 29, 1980
Amount of Contract: $998,726.97
Work Started: August 18, 1980

Wickens Brothers
222 S.W. Ash
Lewistown, Mt. 59457
Walt Smith - Manager F.P.U.
Tony Tomich - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 160 Working Days
Prob. Comp. Date: June, 1981

STRUCTURE
Progress was good. Contractor employed 3 men when weather permitted. The Deck is formed, the Diaphrams are placed and the Reinforcing is in place. The Deck will be placed when weather permits. Percentages of completion are: All items are 100% complete with the exception of Conc. Cl. AD - 98%; Re-steel - 83% and Struct. Steel - 75%. Project as a whole is 80% complete.
ROADWAY
All operations are presently shut down. The contractor intends to resume work in May. The project as a whole is 78% complete with 39% of the contract time elapsed. A 1 man engineering crew is engaged in office work and other assignments.

PMS 4140(56)
Bridge Signing & Delineation
Statewide
Contract Awarded: Jan. 23, 1981
Amount of Contract: $77,777.00
Work Started:

Coral Construction Company
P.O. Box 850
Canby, Or. 97013
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-7931
Comp. Time: 120 Working Days
Prob. Comp. Date:

Proceed to Work order issued April 16, 1981. Contractor plans to begin work in the Great Falls Division the first part of May.

M 5201(5) U-1
6th St. S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287, Gt. Falls 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Comp. Date: Jan. 19, 1981
Effective Opening Date: 10-9-80

The project was completed January 19, 1981. The engineering crew is compiling Final Estimate and Supporting Data, with an estimated submittal to Division office on April 30, 1981.

M 5201(5) U-3
6th St. S.W. - Great Falls (Middle Section)
Cascade County
0.3 Miles Grade, Gravel & Surf.
Contract Awarded: October 2, 1979
Amount of Contract: $899,050.40
Work Started: October 25, 1979

Long Const. Co., Inc.
P.O. Box 1690
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 120 Working Days
Comp. Date: Dec. 30, 1980
Effective Opening Date: 10-9-80

The project was completed December 30, 1980. The engineering crew is compiling Final Estimate and Supporting Data, with an estimated submittal to Division office of April 30, 1981.

M 5206(1)
M 5206(2)
6th & 9th St. at N.W. Bypass
Great Falls - Signals
Contract Awarded: June 30, 1980
Contract Amount: $78,474.00
Work Started: October 21, 1980

Rainbow Electric Company
2220 River Drive
Great Falls, Mt. 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Prob. Comp. Date: June, 1981

Progress was fair. Contractor employed 2 men and began work April 13th (without prior notification), installing U-Box for Loop Detectors and removing existing Controller from Ped. Foundation and existing Ped. Foundation. Project as a whole remains 7% complete with 22% of the contract time elapsed. A 2 man engineering crew is engaged in inspection and layout.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: August 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Comp. Date: Feb. 11, 1981

Project was completed February 11, 1981. The Final Estimate and Supporting Data was submitted to Division office on February 18, 1981.

SMP 2599-80
Maint. Crushing & Stockpiling
Lewis & Clark, Teton & Broadwater Counties
Contract Awarded: December 19, 1980
Contract Amount: $179,850.00
Work Started:

Konitz Contracting, Inc.
P.O. Box 585, Lewitown, Mt.
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-9731
Comp. Time: 70 Working Days
Prob. Comp. Date:

Progress was poor. Contractor working 9 hour shifts crushing & stockpiling Crushed Top Surf. at Broadwater Co. Pit Site. Percentages complete are: Mobilization - 27% and Stockpile Top Surf. 5/8" Gr. 3A - 15%. Project as a whole is 14% complete with 17% of the contract time elapsed. A 2 man engineering crew is engaged in layout and inspection.

SOS 37(5)
Valier Canal Bridge Widening
Valier - Dupuyer Road
Pondera County
Length: N/A
Agreement Approved: April 25, 1980
Agreement Amount: $15,680.00
Work Started: Nov. 12, 1980

Pondera County Forces
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-7931
Comp. Date: Dec. 29, 1980

Pondera county forces completed bridge widening on December 29, 1980, with the exception of some minor bridge rail revisions.

SOS 37(6)
Grading of Inslopes & Widening
Valier - Dupuyer Road
Pondera County
Length: 6 Miles
Agreement Approved: August 12, 1980
Agreement Amount: $36,087.94
Work Started: October 20, 1980

Pondera County Forces
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-7931
Prob. Comp. Date: Apr. 30, 1981

Progress was fair. County began spring work after a period of inclement weather. Mr. Scott will contact Mountain Bell to remove two poles which are in conflict with the overall safety of the grading project. Project remains 92% complete.

FR 24-3(3) 76 U-1
Rogers Pass East & West (West Section)
Plant Mix Overlay
Lewis & Clark County
7.4 Miles
Contract Awarded: February 26, 1981
Contract Amount: $752,466.44
Work Started:

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Prob. Comp. Date: Sept. 1, 1981

The preconstruction conference was held April 14, 1981. The contractor anticipates beginning some work May 1, 1981. A 5 man engineering crew has been running centerline, setting offsets and staking fill, pipe and stockpasses.

April 20, 1981

R.W. Freeman - P.E. - Supvr.
Division Construction Section
Great Falls

RWF/MRB/r

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS

HAVRE, MONTANA

April 17, 1981

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find division 3230 progress report for the period ending April 17, 1981.

G E N E R A L

The weather for the past reporting period has been generally favorable for construction. The temperatures ranged from +20° to a +76°.

P R E C O N S T R U C T I O N

FR-1-3 (5) 198, Glacier County Line-East
6.7 miles, Glacier County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

The corrected P.I.H. plans were submitted to the Preconstruction Bureau on 1/7/81.

F-1-6 (5) Havre-East
8.0 miles, Hill County
Mapping Survey

Albert Ullrich, Field Project Mgr.
Havre, Montana
Telephone No. 265-5292

No work on this project this reporting period. The project is 35% complete with 20 mandays used to date.

FR-1-7 (1) 404 Chinook-East
9.7 miles, Blaine County
pl. mix surf. overlay

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

One man worked 9 mandays on preliminary P.I.H. changes. Design data will be submitted as soon as all P.I.H. changes have been made.

F10-2 (2) 79, Big Sandy-North
9.1 miles, Chouteau County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. The cross sections are plotted and inked. Plotting topog. on cross sections is 100% complete and hardshell is 100% complete. Design as a whole remains 50% complete.

RS 236-2 (1) 65, Big Sandy-South
12.0 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Proj. Mgr.
Havre, Montana
Telephone No. 265-6821

No work on this project. The centerline, levels, cross-sections, general topog, utility topog. and triangulation survey are complete. The section ties are 40% complete. The final work is 90% complete with 322 mandays used to date.

RS 233-1 (2), Havre-North
12.0 miles Secondary Rte. 233
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Excavation computations and balancing quantities is complete. Design as a whole remains 25% complete.

F44-1 (01), Valier East
7.2 miles, Pondera County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 13% complete with 59½ mandays used to date.

RS 552-1 (01), Sunburst-East
10.0 miles, Toole County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

Design plans were submitted to Helena on 6/12/80.

RS-TQS-464-1 (01), Browning-Babb
5.9 miles, Glacier County
Location Survey

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

The bridge situation linens and supporting data was received in the Division office on Feb. 3, 1981 and after review, was forwarded to the Preconstruction Bureau on Feb. 6, 1981.

F 58-1 (3) Hudson Bay Divide-South
3.2 miles, Glacier County
Location Survey

Hugh Klepzig, Field Proj. Mgr.
Cut Bank, MT
Telephone No. 873-2112

A four to five man engineering crew worked 10 days clearing tangents, which is 100% complete, established four P.I.'s and ran centerline from Station 960 to 993.

BRM-5710 (1) BNRR Overpass-Havre
0.166 Mi. Hill County
Bridge Widening & Rehabilitation

Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821

No work on this project.

CONSTRUCTION

I-15-8 (38) 398 Sweetgrass
Rest Area Upgrading
0.00 Mi. Toole County
Contract Let: 3/26/81
Contract Amount: $14,550.00
Work Not Started

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Hugh Klepzig, Field Proj. Mgr.
Cut Bank, Montana
Telephone No. 873-2112
Contract Time: 45 working days
Probable Completion Date: 7/31/81

No work on this project.

I-15-8 (37) 343
Toole Co. Line-North
8.3 mi. Toole Co.
pl. mix bit. surf.
seal & cover
Contract Let: 9/27/79
Contract Amount: $840,874.19
Work Started: 1/17/80

Zook Brothers Construction Company
Great Falls, Montana
Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days
Completion Date: 10/3/80

The final estimate and supporting data was received in the Division office on Feb. 3, 1981. Checking supporting data is approximately 35% complete.

I-FI-15-8 (26) 354 & I-15-8 (35) 353
Shelby-Oilmont Jct.
14.5 miles, Toole County
grade, aggr., surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Co.
Great Falls, Montana
Roadway:
James A. Dolan, Field Proj. Mgr.
Structures:
Glen E. Brown, Field Proj. Mgr.
Big Sandy, Montana
Telephone No. 386-2420
Contract Time: 240 working days
Opening Date: 9/22/80
Completion Date: 11/6/80

The final estimate and supporting data was received in the Division office on April 9, 1981. Checking final will start as soon as time permits.

F-1-3 (6) 222
U.S. 2 & 2nd St. Int.-Browning
Glacier County
Install Traffic Signals
Contract Let: 6/19/80
Contract Amount: $37,784.65
Work Started: 7/17/80

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Mgr.
Cut Bank, Montana
Telephone No. 873-2112
Contract Time: 45 working days
Completion Date: 4/16/81.

The contractor moved onto project on Tuesday, April 14, worked one 4 hr. and one 10 hr. shift. Completed installing interconnect cable on third Street. Plumbed poles, installed plumizers and back plates as per EWO No. 1. The project is 100% complete with 0% of the contract time elapsed. A one man engineering crew on construction inspection.

RS-TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles - Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting Co., Inc.
Plains, Montana 59859
Hugh Klepzig, Fld. Proj. Mgr.
Cut Bank, MT
Telephone No. 873-2112
Contract Time: 120 working days
Completion Date: 11/14/80

One to two men working on final as time permits. Estimated submitted date to Division office is April 24, 1981.

TQS 236-1 (3) 49 U.1 & U.2
Winifred-Big Sandy
1.4 miles, Fergus-Chouteau Counties
Grade, gravel, and structure
Contract Let: 7/24/80
Contract Amount: $3,311,034.38
Work Started: 9/11/80

Morgen & Oswood Construction Co., Inc.
Great Falls, Montana 59401
Structures:
Glen E. Brown, Field Project Mgr.
P.O. Box 341 - Big Sandy, MT
Telephone No. 386-2420
Roadway:
Sam Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 250 working days
Probable Completion Date: 9/30/81

STRUCTURES
Progress has been good. The prime contractor, Morgen & Oswood Construction Co., Inc. worked 10 eight to sixteen hour shifts with up to 19 men employed. Progress to date: work bridge about the same, out to Pier No. 5 from the north bank. Pier No. 5 all concrete completed. Pier No. 2 complete thru the seal being poured. Bent No. 1 about 40% of pile driven. The project as a whole is 16% complete with 23.6% of contract time elapsed. A two man engineering crew is engaged in construction layout and inspection.

ROADWAY
Progress has been fair. The subcontractor, Newman Construction Co., worked 11 eight hour shifts with four men employed finishing the roadway and borrow area. 3500 c.y. of topsoil was placed for 66% complete. Unclassified borrow remains 89% complete and pipe remains 85% complete. The subcontractor, G. & L. Construction Co., worked 11 eight hour shifts with two men employed placing filter fabric and 650 c.y. of riprap for 15% complete. Erecting fence remains 40% complete. A three man engineering crew is engaged in construction layout and inspection.

SR-215-1 (2) 4 Kevin-West
10.3 Mi. Toole County
Pl. mix bit. surf. overlay
Contract Let: 2/26/81
Contract Amount: $824,854.45
Work Not Started

Rehbein Contracting Co., Inc.
Plains, Montana 59859
Hugh Klepzig, Field Proj. Mgr.
Cut Bank, Montana
Telephone No. 873-2112
Contract time: 60 working days
Probable Completion Date: 7/31/81

No work on this project this reporting period.

RS-233-1 (3) 0, Havre-North
9.7 miles, Hill County
Aggr. surf., pl. mix bit. base surf., seal and cover
Contract Let: 11/29/79
Contract Amount: $1,187,003.20
Work Started: 4/24/80

Hilde Construction Co., Inc.
Great Falls, Montana 59401
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days
Completion Date: 9/6/80

The final estimate and supporting data was submitted to the Division office on 3/10/81. Supporting data has been pre-checked and is approximately 75% complete.

RS-241-1 (2) 30
Turner-Canadian Line
10.6 miles, Blaine County
Aggr. surf., bit. surf. trt.
sign and structure
Contract Let: 1/16/81
Contract Amount: $813,398.15

Wickens Bros.
Lewistown, Montana
Albert Ullrich, Field Project Mgr.
Turner, Montana
Telephone No. 379-2356
Contract time: 140 working days
Probable Completion Date: 10/30/81.

Progress has been good. The contractor worked 10 nine hour shifts with up to 16 men employed. 32,640 ton base course 1½" Gr. 5A was produced and hauled making this item 52% complete. The existing roadway is shaped and compacted, culvert items are complete and cover material is stockpiled. The project as a whole is 22% complete with 0% of the contract time elapsed. A 4 to 10 man engineering crew is engaged in inspection and construction layout.

RS-409-1 (4) 3
Chester-North
5.25 miles, Liberty County
Grade, aggr. surf., & drain
Contract Let: 1/16/81
Contract Amount: $548,781.40
Work started: 3/17/81

Rehbein Contracting, Inc.
Plains, Montana
James Dolan, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 100 working days
Probable Completion date: 9/30/81

Progress has been poor. The subcontractor, Northwest Fencing, worked three 8 hour shifts with four men employed on fencing which is 20% complete. The project as a whole is 2% complete with 0% of contract time elapsed. A two man engineering crew is engaged in inspection. Construction layout is 100% complete.

F-1-6 (4) 288 Havre-East
Rest Area Upgrading
0.0 miles, Hill County
Contract Let: 8/21/80
Contract Amount: $10,160.00
Work Started: 9/12/80

Brummer Construction Co.
Chinook, Montana
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Probable Completion Date: 4/30/81

No progress this reporting period. The contractor is waiting for delivery of materials. The contract as a whole is 47% complete with 0% of the contract time elapsed. The engineering crew is working on other projects.

SMP-3799-80
Crushing & Stockpiling
Pondera and Toole Counties
Contract Let: 12/12/80
Contract Amount: $128,025.00
Work not started.

Konitz Contracting, Inc.
Lewistown, Montana 59457
James Dolan, Field Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 45 working days
Probable Completion Date: 6/30/81.

No work has been started. The pre-construction conference was held on March 23rd and the contractor plans to start work on May 1st.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE MONTANA
APRIL 16, 1981

APR 20 81

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Preconstruction and Construction News Letter for the period ending April 14, 1981.

GENERAL

The weather has been fair with temperatures ranging from plus 25 to 70 degrees.

PRECONSTRUCTION

F 20-2(1)33, SAVAGE - CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - Oct. 1981

No work on this project during the past period. Design remains 45% complete with 301½ mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6+ Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Comp. Date - April 13, 1981
Christian Spring Sielback & Assoc.
2020 Grand Ave., Billings, MT 59102
Est. Design Comp. Date - July 1982

One man worked 7 mandays this period completing Form Hyd. #1 on irrigation crossing throughout the project. All the field work has been completed and field notes forwarded to the design section. A total of 2170 mandays were worked to complete the field work on this project. No word has been heard from the consultants this past period on the design which probably is 15% complete.

F25-1(1), CIRCLE - NORTH
Length, 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1982

Four to eight men worked 55½ mandays on this project this past period. Three to four men worked 34 mandays in the field completing section line and property line ties. One to four men worked 21½ mandays plotting Form Hyd. #1 for the Creek Crossing on the project. Center line run, B.M.'s, Cross sections, horizontal and vertical photogrammetry control and drainage recommendations are 100% complete. Field notes checked are 92% complete. Bridge situations are 97% complete and section and property ties are 98% complete. A total of 786 mandays have been worked on this project making it 92% complete. Design remains 11% complete with 69½ mandays used.

PROGRESS REPORT

PRECONSTRUCTION

S 201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana 59330
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 1985

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - July 1981

During the past period 16½ mandays were used changing template on cross sections, plotting topog on cross sections, changing construction limits on R/W white prints, working on drainage items and placing items on linen plan and summary sheets. Design is 68% complete with 224½ mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 1 , 1976.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Melvin R. Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Design Comp. Date - June 1982

No work on this project this past period. Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Cross section mapping on Plan Sheets is complete. A total of 441.6 mandays used to date.

CONSTRUCTION

IR 94-4(33)154, PRAIRIE COUNTY LINE EAST & WEST
Length - 11.9 Miles
Plant Mix Bituminous Overlay
Contract Awarded - August 28, 1980
Amount of Contract - $959,361.39
Work Started - September 25, 1980

R.J. Studer & Sons
Box 20204, Billings, Mt. 59104
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 80 Working Days
Est. Comp. Date - June 1981
Eff. Opening Date - N/A

No work on this project the past period due to winter suspension. Crushing and stockpiling the various surfacing courses is complete. Construction layout remains 90% complete with no construction personnel assigned. The contract as a whole remains 0% complete with 19 work days used or 24% of contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

I 94-6(26)216, WIBAUX CO. LINE-WEST (WEST SECTION)
I 94-6(29)226, U-2, WIBAUX CO. LINE-WEST (EAST SECT.)
I 94-6(30)221, U-2, WIBAUX CO. LINE-WEST (MIDDLE SECT.)
Length - 16.9 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail, and Structures
Contract Awarded - August 24, 1979
Amount of Contract - $11,396,442.47
Work Started - October 9, 1979

Duininck Brothers & Gilchrist
Box 208, Prinsburg, Minn. 56281
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy
Ken Quale, Fld. Proj. Mgr.-Structure
Glendive, Montana - Phone 365-5296
Contract Time - 250 Working Days
Probable Comp. Date - June 1981
Effective Opening Date - Nov. 8, 1980

Prime contractor, Duininck Bros. & Gilchrist employed two to three men working eight - 8 hour shifts on general clean-up throughout project. Sub-contractor One Way Sign Co. employed four men working six - 8 hour shifts, one - 9 hour shift working completed minor work on guardrail and signing items making this sub-contract 100% complete. Sub-contractor Swan & Son resumed work April 13, 1981 employing six men working two - 8 hour shifts closing in fence gaps that were not completed last fall, making the fencing items approximately 95% complete. The project remains 95% complete with 194 working days used or 77.6% of the contract time elapsed: with 2 inspector's employed. Final estimates are approximately 55% complete with one to two men in the office checking final quantities.

IR 94-7(15)233, WIBAUX EAST & WEST (EAST SECTION)
Length - 6.5 Miles
Plant Mix Bitum. Surf. Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
Box 1417, Billings, MT 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - April 1981
Effective Opening Date - N/A

All items on the project are complete with the plant site and stockpile areas remaining to be seeded. The project is 99% complete with 98 working days or 97% of the contract time elapsed. Final estimate is 95% complete and has been checked in the Division office.

IR 94-7(16)233 WIBAUX EAST & WEST (WEST SECTION)
Length 8.748 Miles
Plant Mix Overlay
Contract Awarded - January 23, 1981
Amount of Contract - $949,675.50
Work Started April 14, 1981

S & S Construction Co.
Box 399, Moorhead, MN 56560
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 90 Working Days
Probable Completion Date - August 1981
Effective Opening Date - N/A

Progress this past period has been fair. Fisher Sand & Gravel, a commercial source, worked four - 12 hour and one - 6 hour shift producing 2,000 tons of slurry sand and five 12 hour and one - 6 hour shifts producing plant mix surfacing material. These items are, respectively, 100% and 63% complete. Three to seven men employed on this portion of the work. The prime contractor, S & S Construction, began hauling plant mix material from Fisher pit & stockpiling at plant site with 8 trucks and eleven men employed on April 14, 1981. Construction layout is 25% complete with two to three men assigned. The project as a whole is 0% complete with 0% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

F 57-5(2)248, FLOWING WELL REST AREA
Comfort Station Renovation
and Upgrading
Contract Awarded - August 28, 1980
Amount of Contract - $15,525.00
Work Started - September 18, 1980

Sletten Construction Co.
Box 2467, Great Falls, MT 59403
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 20 Working Days
Est. Comp. Date - April 1981
Effective Opening Date - N/A

No progress this past period. All items are complete except replacement of the broken water closet in the men's rest room and some minor cleanup work. The project is 90% complete with 3 working days or 15% of the contract time elapsed. One man assigned part-time.

RS 253-1(1)1 TERRY - BROCKWAY
Fencing Length - 0.724 Miles
Contract Awarded - December 19, 1980
Amount of Contract - $5,811.00
Work Not Yet Started

Tom Conroy, Fencing
607 West 3rd Street, Hardin MT 59034
Melvin R. Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time, 30 Working Days
Est. Comp. Date - May 1981
Effective Opening Date - N/A

The contractor expects to begin work about April 27, 1981.

SR 254-1(1)0 GLENDIVE - RICHEY
Length - 13.0 Miles
Surface Overlay & Drainage
Contract Awarded - January 23, 1981
Amount of Contract - $730,856.50
Work Started April 6, 1981

Empire Sand & Gravel Co.
P.O. Box 1215, Billings, MT 59103
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 65 Working Days
Probable Comp. Date - August 1981
Effective Opening Date - N/A

Contractor arrived on project April 6 and began work on haul road to Pit Lab No. 524676-83 and 3178-82. Contractor is presently engaged in setting up crusher and anticipates crushing operations to begin April 16. Eight - 8 hour shifts were worked this past period employing a total of nine men. Contract time not yet started. Construction layout with a one to three man engineering crew engaged remains at 80% complete.

Respectfully,

Bruce Russell

Bruce Russell, P.E., Supervisor-
Division Construction Section

BR/JMB/jg

cc: Div. File

Wolf Point Division

No Report this period

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
April 20, 1981

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending April 17, 1981.

GENERAL

Temperatures ranging from +32 to +60 degrees prevailed with .03 inches of precipitation received during the reporting period.

PRECONSTRUCTION

F 4-1(2)26 Bridger - Fromberg
Length: 7.448 Miles
Design Received: 5-26-78
Design Started: 7-1-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work has been accomplished on this project during the past reporting period. Design work remains at 50% complete.

F 23-1(2)2 Miles City South - No. Sec.
5.646 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work has been accomplished on this project during the past reporting period. Design work remains at 27% complete.

M 1020(1)1st Ave. No. - Billings
Division Street to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 6-27-81

No work has been accomplished on this project during the past reporting period. Design remains at 12% complete.

RS 306-1(1)0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

No work was accomplished on this project during the past reporting period. Design work remains at 25%.

RS 308-1(4)9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

No work was accomplished on this project during the past reporting period. Design work remains at 12% complete.

DP 384-2(1) Sarpy Creek Rd., No. Sec.
11.218 Miles Design Work
Design Work Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 9-30-82
Roddo Bakich, Fld. Prj. Mgr.
Lodge Grass, Montana
Phone No. 639-2968

A five man survey crew worked eleven days. Completed setting the PI's, turned the angles and shot the distances from PI no. 0 to PI no. 20. Made section ties on 12 section and quarter corners.

DP 37-1(1)9 Crow Agency-Busby (Ctr. Sec.)
9.901 Miles Design Work
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 8-14-81

Four men worked on this project during the past reporting period, plotting the extended new cross sections, up-dating the mylar plan and profile sheets, and recoding the data processing sheets. New typical sections have been designed and checked after receipt of the approved typical section. Design work is 30% complete.

DP 37-1(1)18 Crow Agency-Busby (East Sec.)
8.346 Miles Design Work
Design Started: 5-16-80

James. M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-9-82

One man worked on this project during the past reporting period, checking the section corner ties, bearings and new beginning and end stationing. This project has been shortened about 1.1 miles by extending the center section the same distance. Design work remains 11% complete.

DP 314-1(1)18 Decker-Busby
Length: Approximately 15 Miles
Survey Authorized: 4-30-79
Survey Began: 10-1-79

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

Aerial ground control survey is complete and has been submitted to Helena. Section ties are approximately 80% complete, and work on remaining ties will resume when personnel are available.

PRECONSTRUCTION

FR 28-2(4)70 Red Lodge-Boyd
Length: 20.6 Miles
Survey Authorized: 7-22-80
Survey Began: 8-25-80

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

No work was reported during this reporting period. All items remain the same. The centerline is run from Sta. 0+00 to Sta. 618+36BK. = 0+00AH. to Sta. 472+00, for 20.6 miles of line or 100% completion. Cross sectioning and topography are done from Sta. 0+00 to Sta. 618+36BK. = 0+00AH. to Sta. 50+00, for 12.7 miles or 62% completion. Levels are run from Sta. 0+00 to Sta. 618+36BK. = 0+00AH. to Sta. 100+00, for 13.6 miles or 66% completion.

FR 28-2(4)70 Red Lodge - Boyd So. Sec.
12.000 Miles Design Work
Design Started: 12-3-80

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 5-15-81

Four men worked on this project during the past reporting period, checking the plan in hand prints. All design data has been submitted to Helena for printing of plans for the inspection, which may be held by the end of April. The completion date has been adjusted. Design work is 50% complete.

RS 302-1(1) Molt - Rimrock Road
Length: Approximately 2.5 Miles
Survey Authorized: 1-29-80
Survey Began:

Unassigned

Work on the ground control survey will begin when personnel are available.

RS 416-1(4)0 Jellison Road Approach
South of Billings
Length: Approximately 0.3 Miles
Survey Authorized: 3-14-80
Survey Began: 1-27-81

Donald Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101

No work was done on this project during this period. The centerline has been completed and the cross-sectioning, property ties, and topography are 90% completed.

IR 90-8(83)388 Reedpoint East (Overlay)
Length: 7.8± Miles
Survey Authorized: 2-7-80
Survey Began:

Unassigned

Work on the survey will begin when personnel are available.

PRECONSTRUCTION

IR 90-8(92)437 Mossmain-Lockwood
Length: 11.0 Miles
Survey Authorized: 7-28-80
Survey Began: 2-10-81

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

No work was done during this reporting period on the project. Guard rail topography is 100% complete. No other items have been worked on.

I 90-9(38)541 Wyoming Line North
Length: 11.0 Miles
Construction Staking

Raymond Schaak, Fld. Prj. Mgr.
Lodge Grass, Montana
Phone No. 639-2964

A five person engineering crew worked 10 eight hour shifts slope staking on Mainline between Sta. 746+00 to 777+50. A 2 person engineering crew worked 5 eight hour shifts locating bench marks between Sta. 800+00 to the end of the project at Sta. 1214+19.

HES 78-2(3)35 Absarokee-Columbus
Survey Authorized: 3-12-81
Survey Started: 3-30-81

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

Progress this reporting period has been fair. A four man survey crew has worked 8 eight hour shifts, intersecting tangents, setting all control points and running centerline on the five listed areas, Sta. 85+00 to 102+00, Sta. 335+00 to 345+00, Sta. 456+00 to 470+00, Sta. 520+00 to 535+00, Sta. 582+00 to 607+00. Ran levels from Sta. 46+ to Sta. 120+ . Cross-sectioned from Sta. 84+00 to Sta. 94+00.

CONSTRUCTION

IR 90-3(50)184 U-1 & IR 94-1(45)16 U-2
Replacement of Sliding Plate Expansion Joints - Big Horn, Gallatin, Park, Stillwater, Treasure & Yellowstone Counties
Contract Awarded: 5-30-80
Amount of Contract: $731,324.00
Proceed Order Date: 6-25-80
Work Started: 10-9-80

Skinner Enterprises
Helena, Montana
James Rangitsch, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date: 9-15-81
Effective Opening Date: N/A

The contractor is presently working in the Bozeman Division. At this time, no work has been done in the Billings Division. The contractor anticipates beginning work in the Billings Division about June 15, 1981.

I 90-9(33)516 Lodge Grass No. - No. Sec.
9.146 Miles Grade, Drain, PMBB, PMBS and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Co., Inc.
Great Falls, Montana
Raymond Schaak, Fld. Prj. Mgr., Rdwys
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr. Struct.
Billings, Montana
Phone No. 252-4138
Contract Time: 300 Working Days
Completion Date: 11-24-80
Effective Opening Date: 9-25-80

I 90-9(33)516 Lodge Grass No. - No. Sec. (Cont.)

All work items were completed and the project accepted as complete on November 24, 1980. A two person engineering crew worked 2 eight hour shifts checking field notes for the final estimate. The final estimate and supporting data was turned into the Division Office on April 3, 1981.

I 90-9(54)525 & F 73-1(2)0
Lodge Grass No. - So. Section
& Lodge Grass I Conn.
6.6 Miles Grading, Drain, PMBB
PMBS and Structures
Big Horn County
Contract Awarded: 4-4-79
Amount of Contract: $9,400,893.08
Proceed Order Date: 5-2-79
Work Started: 5-14-79

Peter Kiewit & Sons' Company
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr. Rdwys
Lodge Grass, Montana
Phone No. 639-2968
James Rangitsch, Fld. Prj. Mgr. Str.
Billings, Montana
Phone No. 252-4138
Contract Time: 300 Working Days
Probable Completion Date: 5-1-81
Effective Opening Date: 9-25-80

The contractor, Peter Kiewit & Sons' Co., began work April 9, 1981. Completed the concrete slope drain left of Sta. 138+75 on the Connection Road. Cleared the sagebrush off of the cut slopes in preparation for the hydro-seeding operations. Swan & Son, Fencing and Seeding sub-contractor, began work April 10, 1981 with a three man crew. Completed the hydro-seeding on the Connection Road, left of W.B. 978+00 to 1012+00 and left of W.B. 935+00 to 976+00. The project is 99% complete with 82% of the contract time elapsed. Three persons were assigned to the project for inspection and checking of final field quantities. The engineering is 98% complete.

I 94-2(22)61 Hysham Rest Areas
Comfort Station Renovation & Upgrading
Treasure County
Amount of Contract: $37,300.00
Contract Awarded: 12-19-80
Proceed Order Date: 1-12-81
Work Started: 2-20-81

Pederson Construction
Billings, Montana
George H. Hein, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 45 Working Days
Probable Completion Date: 4-30-81
Effective Opening Date:

Progress this reporting period has been good. The contractor employed an average of 3 men working 7 eight hour shifts. The contractor completed sod replacement, installed urinal screens, toilet partitions, and door pulls. The remaining rest room hardware will be completed when the painter finishes his work. Yellowstone Plumbing, subcontractor, employed 2 men and worked 4 eight hour shifts. He installed one drinking fountain, two lavatories and miscellaneous piping. The remaining plumbing items will be completed when materials are delivered. Yellowstone Electric, subcontractor, employed 2 men and worked 2 eight hour shifts. He worked on service and control assembly and installed the photo-electric controls. He will complete his work when the lighting brackets and luminaries are available. K Decorators, painting subcontractor, employed 1 man and worked 1 eight hour shift, installing first coat of paint in the mens E.B. restroom. He plans to continue his operations. The project as a whole is 70% complete with 51% of the contract time elapsed. Two engineering personnel are assigned to the project for inspection and office work. Construction layout is 100% complete.

SR 302-1(2)10 Molt-Billings Road
6.7 Miles
Plant Mix. Surf. Overlay
Yellowstone County
Contract Awarded: 8-28-80
Amount of Contract: $711,849.20
Proceed Order Date: 9-19-80
Work Started: 9-23-80

R. J. Studer & Sons
Billings, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 60 Working Days
Probable Completion Date: 6-1-81
Effective Opening Date: N/A

No work was done during this reporting period. All major items are 100% complete with the exception of the chip sealing portion and final striping of the project, which is to be done after May 15, 1981. The project as a whole is 75% complete with 49% of the contract time elapsed.

RS 384-1(7)20 Hardin-Sarpy Cr.
Length: 0.039 Miles
Slide Correction
Big Horn County
Contract Awarded: 8-28-80
Amount of Contract: $149,267.10
Work Started: 9-4-80
Proceed Order Date: 9-19-80

Swan & Sons Construction, Inc.
Anaconda, Montana
George H. Hein, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Completion Date: 4-14-81
Effective Opening Date: 11-4-80

Work on the project was completed on April 14, 1981, with the acceptance of the Area 2 seeding, right of Sta. 1002+50. Final acceptance was made by the Supervisor Division Construction Section on April 14, 1981. The project is 100% complete with 52% of the contract time elapsed. The Final Estimate and supporting data will be submitted to the Division Office for checking by May 1, 1981.

M 1004(6)30th St. W. to 25th St. W.
on Grand Avenue - Billings
0.6 Miles Grade, Agg. Surf., PMBB
PMBS, Storm Sewer, Structure
Signing, Lighting and Signals
Yellowstone County
Contract Awarded: 1-5-81
Amount of Contract: $1,482,784.25
Proceed Order Date: 1-5-81
Work Started: 1-6-81

Long Construction Co., Inc.
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date: 9-15-81
Effective Opening Date:

Progress during the past reporting period has been good. The contractor and sub-contractors have been excavating for and placing pipe, removed the detour, installing manholes, completed the work for the channel change, installed the steel bridge rail for the structure, and finished the concrete on the structure. Base course 1½" has been placed east of the structure and the roadway opened full width to traffic. Detour-Construct and Maintain is 100% complete: Traffic Control-Devices is approximately 23% complete; Mobilization is 60% complete; Excavation items are approximately 39% complete: Pipe items are approximately 75% complete: Compacted earth lining is 100% complete: Manholes are approximately 80% complete: AD Concrete is 100% complete: BD Concrete is 100% complete: All other items on the project remain the same as last reported.

M 1004(6)30th to 25th St. W. (Cont.)

No contract time has been charged to the project and 150 working days remain. The contractor has worked approximately ten days and employed from three to eighteen men. A nine man engineering crew has charged approximately 80 man-days to the project. The project as a whole is approximately 25% complete to date.

M 1018(4)4th and 6th Ave. N. Couplet
Billings
0.9 Miles Grade, Gravel, PMS, Stm. Sewer
Lighting and Signals
Yellowstone County
Contract Awarded: 5-28-78
Amount of Contract: $1,998,367.50
Proceed Order Date: 6-19-80
Work Started: 6-23-80

Meyer Construction Company
Billings, Montana
Don Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 120 Working Days
Probable Completion Date: 6-1-81
Effective Opening Date:

Progress this reporting period has been good. Work in progress during this period consisted of Grading, Surfacing and Curb and Gutter. Grading work was being done on N. 13th St. between Sta. 411+68.0 and Sta. 418+59.5 and on 4th Ave. N. between Sta. 11+97 and Sta. 36+80. Surfacing work was being done on N. 7th and N. 13th Streets with 1½" CBC being placed on N. 13th St. and Plant Mix Base being placed on N. 7th and N. 13th Streets. Curb and Gutter was installed left and right of N. 13th St. between Sta. 411+68.0 and 418+59.5 and left of 4th Ave. N. from Sta. 11+80 to Sta. 36+80. Sidewalk was installed left of N. 10th St. from Sta. 203+86 to Sta. 205+45.8 and right of 6th Ave. N. from Sta. 25+25 to Sta. 30+64. The contractor, Meyer Construction Co., worked 10 eight hour shifts with fourteen men employed on the grading and surfacing work. The sub-contractor, Utility Builders, worked 4 eight hour shifts with nine men employed on the curb and gutter work. The Miscellaneous items remain 39% complete; the Grading items are 96% complete; the Drainage items are 100% complete; the Surfacing items are 60% complete; the Curb and Gutter items are 50% complete; the Lighting items remain 90% complete; the Signing items remain 5% complete; the Seeding items remain 70% complete; the Striping items remain 3% complete. The project as a whole is 73% complete with 90 of the 124 working days allowed having been used or 73% of the contract time elapsed. A seven man survey and inspection crew worked on the project staking curb and gutter, bluetopping subgrade and gravel and construction inspection. One man is assigned to the office. Engineering layout is 70% complete.

M 1018(5)U-1 6th Ave. North,
North 18th St. to North 27th St.
Billings
0.663 Miles Grade, PMS, Curb
Gutter, Sidewalk, Lighting & Signals
Yellowstone County
Contract Awarded: 12-19-80
Amount of Contract: $833,299.06
Proceed Order Date: 12-19-80
Work Started: 3-26-81

Meyer Construction Company
Billings, Montana
Don Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 100 Working Days
Probable Completion Date: 8-1-81
Effective Opening Date:

Progress this reporting period has been good. Work in progress consisted of

M 1018(4) Cont.

Grading, Drainage and Lighting. Grading work was being done on 6th Ave. N. from Sta. 22+57 to 34+66 with the right half of the street being excavated. Drainage work was being done on 6th Ave. N. from Sta. 9+88.5 to Sta. 30+74.3 with drop inlets, manholes and drain pipes being installed on the right side of the street. Lighting work was being done on 6th Ave. N. from Sta. 30+00 to 34+00 auguring pole bases, installing rebar cages, anchor bolts and conduit for pole bases and installing 3/4" conduit. The contractor, Meyer Construction Co., worked 10 eight hour shifts with fourteen men employed on the grading. The sub-contractor, Holm Sutherland Co., Inc., worked 10 eight hour shifts with six men employed on the drainage work. The sub-contractor, Yellowstone Electric Co., worked 1 eight hour shift with two men employed, 1 eight hour shift with three men employed and 1 eight hour shift with five men employed on the lighting work. The Miscellaneous items are 2% complete; the Grading items are 14% complete; the Drainage items are 38% complete; the Surfacing items remain 11% complete. The project as a whole is 10% complete. There is no contract time elapsed. A seven man survey and inspection crew worked on the project staking light bases, staking curb and gutter and construction inspection. One man is assigned to the office. Engineering layout is 25% complete.

PMS 4140(56)
Bridge Signing & Delineation
Statewide
Contract Awarded: 1-23-81
Amount of Contract: $77,777.00
Work Started:

Coral Construction Company
P. O. Box 850
Canby, Oregon 97013
Stan Newton, Fld. Prj. Mgr.
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 120 Working Days
Probable Completion Date:

There was no work done on this project during the reporting period. The layout is 100% complete with a material list sent to the Great Falls Division.

FAS 314 Relocation: Decker-Busby
By Northern Energy Resources
5.6 Miles Road Relocation
Big Horn County
Proceed Order Date: 5-1-79
Work Started: 8-13-79

Washington Const. Co., Inc.
Missoula, Montana
Victor Scheuffele, Fld. Prj. Mgr.
Glendive, Montana
Contract Time: 448 Calendar Days

Conditional acceptance of the project was made on 7-24-80. Final acceptance will be made when remaining minor items are completed.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/MCV/bj

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
April 17, 1981

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending April 17, 1981, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies and occasional wind along with above normal temperatures prevailed during the period. Temperatures ranged from 29° to 81°. Construction operations are in progress on Montana 39 from five miles North to one mile South of Colstrip. Traffic Control is in effect throughout the project with flagmen at paving operations. The project is in fair to good travel condition.

PRECONSTRUCTION

F 23-1(2)7 - Miles City-South (South Section)
Length - 6.7 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: December 18, 1981

No work was performed on this project during the past period. Design remains 21% complete with 123 man days used.

SR 447-1(5)0 - Rosebud-South
Length - 8.0 Miles
Design Started: January 19, 1981

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: November 20, 1981

No work was performed on this project during the past period. Design remains 1% complete with one man day used.

SOS 38(4) - Otter-Ashland
Otter & Bear Creek Bridges
Survey Started: February 2, 1981

R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Actual Completion Date: April 8, 1981

All work was completed on this location survey April 8, 1981. Supporting data was submitted to Helena April 9, 1981. This will be a final report.

CONSTRUCTION

CT 39-1(11)21 - Colstrip-Forsyth
(South Section)
Length - 5.8 Miles Grading, Agg. Surf.,
Pl. Mix Surf. & R.R. Overpass Structure
Contract Let: August 21, 1980
Proceed Order: September 19, 1980
Amount of Contract: $4,786,063.47
Work Started: September 16, 1980

COP Construction Company, Contractor
Billings, Montana
D.J. Strohmayer, Field Project Mgr.-Roadway
W.D. Dane, Field Project Manager-Structure
Colstrip, MT - Tel. No. 748-2448
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1981
Effective Opening Date:

CT 39-1(11)21 - Colstrip-Forsyth - (Continued)

Progress during the past period has been good. 61,000 cubic yards of unclassified excavation were moved making a total of 348,000 cubic yards or 93% complete. 15,000 cubic yards of unclassified borrow were moved making a total of 209,000 cubic yards or 71% complete. 594 lineal feet of R.C.P. culvert were placed making a total of 3,472 lineal feet or 72% complete. 282 lineal feet of C.S.P. culvert were placed making a total of 1,106 lineal feet or 81% complete. 5,699 tons of 1½" Crushed Base Course were placed making a total of 15,895 tons or 39% complete. 2,183 tons of 1" Crushed Base Course were placed making a total of 14,315 tons or 52% complete. 9,448 tons of Grade 1 Plant Mix Base were placed making a total of 18,521 tons or 36% complete. 1,268 tons of Grade 2 Plant Mix Base have been placed or 4% complete. 158 rods of farm fence were erected making a total of 592 rods or 57% complete. On the structure over the Burlington Northern Railroad, sub-structure units and deck forming have been completed with the deck pour scheduled April 17, 1981. The structure as a whole is 67% complete. The contractor worked 10 eight-hour shifts with an average of 44 men employed. The project as a whole is 43% complete with 21% of the contract time elapsed. Construction layout, with a 20-man engineering crew engaged, is 75% complete.

CT 39-1(9)27 - Colstrip-Forsyth
(Center Section)
Length - 10.9 Miles Grade., Grav.
Surf., Pl. Mix Surf. & Cattle Passes
Contract Not Let

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093

No work was performed on this project during the past period. To date, centerline, levels, right-of-way lines have been run and slope stakes set on 10.9 miles or 100% complete. Construction layout, with a two-man engineering crew engaged, is 60% complete.

CT 39-1(7)38 - Colstrip-Forsyth
Armell's Creek Section
Length - 6.4 Miles Grade., Grav. Surf.,
Plant Mix Surf. & Structures
Contract Not Let

D.A. Durocher, Field Project Manager
Miles City, MT - Tel. No. 232-1093

Construction layout in progress during the past period consisted of running centerline on 6.4 miles and right-of-way lines on 1.4 miles. To date, centerline has been run on 6.4 miles or 100% complete and right-of-way lines have been run on 1.4 miles or 22% complete. Construction layout, with a six-man engineering crew engaged, is 13% complete.

RS 447-1(3)8 - 8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade., Agg. Surf. & Pl.
Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Bros., Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Actual Completion Date: May 28, 1980
Effective Opening Date: November 16, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions May 28, 1980. Formal inspection and acceptance were made May 28, 1980. The Final Estimate was submitted to the Division Office July 31, 1980, and is currently 95% complete.

RS-TQS 462-2(3)13 - 13 Miles North of Roek Springs-North
Length - 14.3 Miles Grading, Graveling, & Drainage
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $1,697,493.02
Work Started: March 31, 1980

Wickens Bros., Contractor
Lewistown, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Actual Completion Date: November 8, 1980
Effective Opening Date: August 27, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions November 8, 1980. Formal inspection and acceptance were made November 10, 1980. The Final Estimate was submitted to the Division Office January 30, 1981, and is currently 90% complete.

DP-BRS 566-1(3)31 - 7 Miles Southwest of Birney
Length - 178.0' Steel & Conc. Bridge
Over Tongue River & Approaches
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $416,037.97
Work Started: February 5, 1980

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Actual Completion Date: November 17, 1980
Effective Opening Date: October 1, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions November 17, 1980. Formal inspection and acceptance were made November 18, 1980. The Final Estimate was submitted to the Division Office March 27, 1981, and is currently 90% complete.

J.B. Randall, P.E.,
Supr.-Div. Constr. Section

JBR:DM:wr
cc: Division File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

APRIL 17, 1981

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of April 4, 1981 through April 17, 1981.

GENERAL

The temperature varied from 75° above to 19° above zero with 0.43 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 1402(02)75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge Situation Survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Plotting templates, plotting section ties, re-designing connections to P.T.W., plotting construction limits and preliminary Right-of-Way, designing miscellaneous items, writing preliminary special provisions and computing preliminary cost estimates are all 100% complete. Two man-days were used finalizing Plan and Profile Linens and plotting summaries for 100% complete. The design as a whole is 50% complete with 182 man-days expended to date. The complete design was transmitted to Helena on April 16, 1981 for P.I.H. prints.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes are 61% complete. The design as a whole is 68% complete with 337 man-days expended to date. The design has been suspended pending Hydraulics recommendations.

F 57-2(4)21 Geyser-Stanford
Grade, Gravel Surface & Plant Mix Surfacing
Approximate Length: 12.7 Miles
Contract Letting Date: 04/30/81
Contract Time: 180 Working Days

Carl W. Park
Field Project Manager
Stanford, Montana
Telephone: 566-2751

A six man engineering crew is engaged in construction layout. Work this reporting period consisted of slope staking from Station 78+00 to Station 250+00 for 35% complete. Referencing control points and running R/W line is 60% complete. Re-establishing centerline is 74% complete. Three Rivers Telephone Co-op, Inc. began utility revisions 4/6/81 and completed their revisions on 4/8/81. Construction layout is approximately 30% complete with the project scheduled for April 30, 1981 letting date.

F 57-2(2)33 Stanford-East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 01/31/77
Survey Suspended: 04/06/77

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 30, 1980. Plotting and inking cross-sections are 100% complete. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 10% complete with 12 man-days expended to date.

F 57-3(03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 02/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The preliminary P.I.H. was held June 4 and 5, 1980. Two man-days were used making preliminary P.I.H. changes for 100% complete. The design as a whole is 70% complete with 288 man-days expended to date. The completed design was transmitted to Helena on April 16, 1981 for final P.I.H. prints.

FR 63-1(1)0 Unit 1 Harlowton-North
Approximate Length: 10.1 Miles
Survey Authorized: 07/17/80
Survey Started: 08/18/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The survey and supporting data was sumbitted to the Division Design Section November 19, 1980. The P.I.H. was held February 20, 1981. P.I.H. changes remain 80% complete. The design as a whole is 75% complete with 65 man-days expended to date.

ER 63-1(1)0 Unit 2 Harlowton-North
Approximate Length: 8.9 Miles
Survey Authorized: 07/17/80
Survey Started: 08/18/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All notes and supporting data were submitted to the Division Design Section on February 4, 1981. Four man-days were used drawing summaries for 50% complete; plotting templates and computing dirt work for 30% complete. The design as a whole is 25% complete with 4 man-days expended to date.

F 81-1(1)12 Denton Flood Study
Approximate Length: 2.0 Miles
Survey Authorized: 9/20/80
Survey Started: 12/8/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All note and supporting data were submitted to the division design section on March 5, 1981. Three man-days were used preparing the preliminary design. The preliminary design was submitted to Helena on March 30, 1981. A total of 3 man-days have been expended on the design to date.

RS 000S(68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S(69) Judith Basin County
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

M 7106(3) Spring Street 8th-11th - Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/06/76

HKM Associates
Consulting Engineers
Billings, Montana

Survey and Field Work - 100% complete. Planning and Design - 100% complete.

M 7109(1) 4th - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Survey and Field work - 100% complete. Planning and Design - 100% complete.

RS 245-1(1) Six Miles Northwest - Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, 64% of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1(01)9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. A total of 17 man-days have been expended to date.

F 57-5(1)171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 3/21/79

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W.S. Strizich, on 5/21/79. Field survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3(2)85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The aerial photo of ths slide area was received on January 22, 1980. Plotting cross-sections from the photo, drawing and inking plan and profile linen are all 100% complete. The preliminary design remains 20% complete with 11 man-days expended to date. The design was submitted to Helena on April 8, 1981 for Hydraulics and Geology Section recommendations.

RS 294-1(02)12 Lennep-East & West
Approximate Length: 7.0 Miles
Survey Authorized: 05/24/77
Survey Started: 07/05/78
Survey Completed: 02/28/79
Survey Resumed: 10/23/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The completed overlay survey was submitted to the Division Design Section on December 2, 1980. Six man-days were used plotting summaries and designing miccellaneous items for 100% complete. The design as a whole is 50% complete with 31½ man-days expended to date. The completed design was transmitted to Helena for P.I.H. prints on April 16, 1981.

BR 9019(7) Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: 03/14/80
Survey Started: 06/23/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The survey data was submitted to the Division Office on December 11, 1980 and forwarded to Helena on December 15, 1980. A total of 75 man-days were expended to complete the survey.

BR 9023(4) Judith River Bridge
Approximate Length: 0.2 Miles
Survey Authorized: 03/14/80
Survey Started: 08/01/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The survey data was submitted to the Division Office on December 11, 1980 and forwarded to Helena on December 15, 1980. A total of 38 man-days were expended to complete the survey.

CONSTRUCTION

FR 57-3(5)83 Lewistown-East
FR 75-1(1)0 Lewistown-Bypass
M7103(2) Airport Road
Plant Mix Overlay
Contract Let: 03/26/81
Contract Awarded: 03/30/81
Contract Amount: $1,148,919.15
Work Started:

Hilde Construction Co.
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 W.D.
Prob. Compl. Date: 08/21/81
Effective Opening Date:

The preconstruction conference is scheduled for April 20, 1981 with the order to proceed effective on the same date. The contractor has indicated that he plans to commence crushing operations on or about May 1, 1981. The projects are 0% complete with 0% of the contract time elapsed. Construction layout is 38% complete with 8 engineering personnel assigned to the projects.

F-TQF 57-4(3)130 Winnett-East & West
Grade Aggregate Surfacing, Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 08/24/78
Contract Amount: $1,754,797.16
Work Started: 09/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 180 Working Days
Completion Date: 11/25/80

Final estimate and supporting data was submitted to Division Construction Office 12/05/80. Final to be submitted to the Construction Bureau 04/30/81.

RS 31002(1)35 Musselshell-South
Plant Mix, Bituminous Surfacing
Seal & Cover
Contract Let: 01/31/80
Contract Awarded: 02/04/80
Proceed to Work Date: 04/16/80
Work Started: 04/16/80

Meyer Construction Company
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days
Probable Compl. Date: 05/30/81

All work on the project is complete with the exception of seeding in the urban section and gravel pit reclamation. The project as a whole is 99% complete with 52% of the contract working days expended. Final estimate and supporting data will be submitted to Division Office when seeding requirements are completed.

SR 238-1(2)0 Lewistown-South
Plant Mix Overlay
Contract Let: 05/22/80
Contract Awarded: 05/28/80
Contract Amount: $365,222.06
Work Started: 07/28/80

James Kraus, Contractor
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 60 Working Days
Probable Compl. Date: 06/20/81
Effective Opening Date: 10/08/80

Seal and cover are the only items remaining to complete the project. This work cannot be accomplished until after May 15, 1981, in accordance with Std. Spec. Art 34.04(A). The project remains 88% complete with 62% of the contract time elapsed. Construction layout remains 85% complete with no personnel assigned to the project.

SMP 1799-80 Maintenance Stockpiles
Garfield & Musselshell Counties
Contract Awarded: 08/28/80
Contract Amount: $180,030.00
Proceed to Work Date: 09/19/80
Work Started: 09/11/80

Wickens Brothers
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Compl. Date: 05/15/81

All work on the project is complete with the exception of gravel pit reclamation. Final estimate and supporting data was submitted to the Construction Bureau on February 3, 1981.

Respectfully submitted,

W. S. STRIZICH, P.E. SUPERVISOR
DIVISION CONSTRUCTION SECTION

WSS:JHP:det

cc: Field Project Managers
Design Section
Lab

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
November 6, 1980

As of February 4, 1981

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
FHP 13-3(3)	Columbia Falls - Glacier Park Highway	0.441	Grade, Surface and Railroad Bridge	105%	96% Winter Suspension (Spring 81)	COP Construction Company $1,404,786.00
FHP 13-3(4)	Columbia Falls - Glacier Park Highway	3.194	Grade, Surfacing, Two Bridge	53%	75% (7/01/82)	Murphy Brothers Inc. $7,923,163.00
OM-AD 18(6)	Malmstrom AFB Missile Road	52.510	Surfacing	72%	88% Winter Suspension (4/30/81)	McIntyre Construction and Birch $655,040.00
OM-AD 18(7)	Malmstrom AFB Missile Road	7.50	Surfacing	95%	100% (1/05/81)	Konitz Contracting $82,345.00